

# **Historic, Archive Document**

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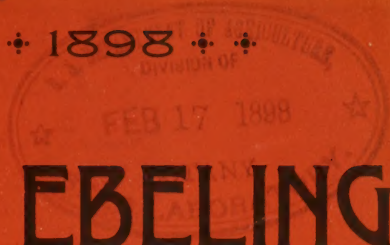


Twenty-Eighth  
Annual Catalogue



62.61

♦ ♦ 1898 ♦ ♦



F. H. EBELING

Proprietor.

The **Derry**

Seed Store.

SEEDS,  
BULBS,  
HARDWARE,  
IMPLEMENTS,  
DRAIN TILE,  
TIN SHOP.

217 Warren Street,

Syracuse, N. Y.

Established 1868.



## USEFUL TABLES.

*Number of Plants Produced from One Ounce of Seed, as follows:*

	Plants.		Plants.
Asparagus.....	about 500	Kale.....	about 2,000
Broccoli.....	" 2,000	Leek.....	" 1,000
Cabbage.....	" 3,000	Lettuce.....	" 3,000
Cauliflower.....	" 4,000	Pepper.....	" 2,000
Celery.....	" 4,000	Sage.....	" 1,000
Egg Plant.....	" 1,000	Tomato.....	" 3,000
Endive.....	" 3,000	Thyme.....	" 5,000

*Number of Plants to the Acre at the following distances apart:*

Distances apart.	No. of plants to Acre.	Distances apart.	No. of Plants to Acre.
1 ft. by 1 ft.....	43,560	6 ft. by 6 ft.....	1,210
1½ " " 1½ ".....	19,360	8 " " 8 ".....	680
2 " " 2 ".....	21,780	9 " " 9 ".....	537
2½ " " 2½ ".....	10,898	10 " " 10 ".....	435
3 " " 3 ".....	6,969	12 " " 12 ".....	302
3½ " " 3½ ".....	14,520	15 " " 15 ".....	193
4 " " 4 ".....	7,260	18 " " 18 ".....	134
4½ " " 4½ ".....	4,840	20 " " 20 ".....	103
5 " " 5 ".....	2,722	25 " " 25 ".....	70
	1,742	30 " " 30 ".....	48

*Quantity of Seed Required for a given number of Plants in Hills or Length of Drills:*

Asparagus.....	1 oz. to 60 ft. drill	Onions.....	1 oz. to 100 ft. drill
Beets.....	1 oz. to 50 ft. drill	Peas.....	1 qt. to 100 ft. drill
Beans, dwarf.....	1 qt. to 150 hills	Parsnip.....	1 oz. to 100 ft. drill
Beans, Pole.....	1 qt. to 100 hills	Radish.....	1 oz. to 100 ft. drill
Carrot.....	1 oz. to 150 ft. drill	Sage.....	1 oz. to 100 ft. drill
Cabbage.....	¼ lb. per acre	Salsify, or V. Oysters.....	1 oz. to 70 ft. drill
Cucumber.....	1 lb. per acre	Spinach.....	1 oz. to 100 ft. drill
Corn.....	1 qt. to 400 hills	Squash, early.....	1 oz. to 50 hills
Watermelon.....	1 oz. to 30 hills	Turnip.....	1 oz. to 150 ft. drill
Muskmelon.....	1 oz. to 60 hills		

*Seed Sown per Acre.*

*Weight per bu.*

Timothy, ¼ to ½ bush.....	44 lbs
Lucerne, or Alfalfa, 15 to 30 lbs.....	60 lbs
Clover, Red, 10 to 15 lbs.....	60 lbs
Clover, Alsike, 5 to 10 lbs.....	60 lbs
Clover, Crimson, 15 lbs.....	60 lbs
Sainfoin, 20 lbs. (Turken Klee).....	1 lbs
Red Top, 2 to 2½ bush.....	14 lbs
Blue Grass, 2 bush.....	14 lbs
Orchard Grass, 2 bush.....	14 lbs
Yellow Sand Clover, 10 to 15 lbs.....	60 lbs
White Clover, 6 to 10 lbs.....	60 lbs
Sweet Vernal, 1 to 1½ bush.....	10 lbs
Millet, ½ to ¾ bush.....	50 lbs
Hungarian, ½ to ¾ bush.....	48 lbs
Wheat, 2 bush.....	60 lbs
Buckwheat, ¾ to 1 bush.....	48 to 50 lbs
Rye, 1 to 2 bush.....	56 lbs

*Average Vitality of Seed.*

GOOD FOR ONE YEAR—Leek, Onion, Parsnip.  
 GOOD FOR TWO YEARS—Beans, Carrots, Egg  
 Plant, Okra, Peas, Pepper, Rhubarb, Sage, Salsify,  
 Thyme.  
 GOOD FOR THREE YEARS—Asparagus, Endive,

*Seed Sown per Acre.*

*Weight per bu.*

Oats, 2 to 3 bush.....	32 lbs
Oats, Winter, 1½ bush.....	32 lbs
Barley, 2 bush.....	48 lbs
Flax Seed, 6 qt.....	56 lbs
Corn, ¼ bush.....	56 to 60 lbs
Potatoes, 6 bush.....	62 lbs
Sweet Corn, ¼ bush.....	about 50 lbs
Peas, 2½ to 3 bush.....	60 lbs
Beans, 1 to 1½ bush.....	62 lbs
Pumpkin Seed, 2 qt.....	27 lbs
Turnip, 1 lb.....	42 lbs
Spinach, 8 lb.....	42 lbs
Beet, 4 to 6 lbs.....	1 oz. to 16 hills
Squash, Marrow, 2½ lbs. per acre.....	1 oz. to 16 hills
Parsnip, 3 to 5 lbs.....	20 lbs
Carrot, 2½ to 3 lbs.....	56 lbs
Onion, 5 to 6 lbs.....	56 lbs

*Based on Perfect Stock.*

Lettuce, Parsley, Radish, Spinach.  
 GOOD FOR FOUR YEARS—Broccoli, Cabbage,  
 Cauliflower, Celery, Turnip.  
 GOOD FOR FIVE YEARS—Beet, Cucumber, Melon,  
 Pumpkin, Squash, Tomato.

### February.

*Sow in Hot-Bed.*

Broccoli,  
 Early Cabbage,  
 Forcing Carrot,  
 Early Celery,  
 Cucumber,  
 Egg Plant,  
 Early Lettuce,  
 Parsley,  
 Pepper,  
 Radish,  
 Tomato.

### March.

*Sow in Hot-Bed.*

Early Beet,  
 Broccoli,  
 Brussels Sprouts,  
 Early Cabbage,  
 Forcing Carrot,  
 Cauliflower,  
 Celery,  
 Cucumber,  
 Lettuce,  
 Melon,  
 Pepper,  
 Radish,  
 Tomato.

### April.

*Sow in Hot-Bed.*

Cucumber,  
 Egg Plant,  
 Melon,  
 Pepper,  
 Tomato.

*Sow in Open Ground.*

Peas,  
 Potatoes,  
 Radish,  
 Spinach.

### May.

*Sow in Open Ground.*

Artichoke,  
 Asparagus,  
 Beans,  
 Beet,  
 Broccoli,  
 Brussels Sprouts,  
 Late Cabbage,  
 Carrot,  
 Cauliflower,  
 Celery,  
 Sweet Corn,  
 Cress,  
 Cucumber,  
 Kale,  
 Kohlrabi,

Leek,  
 Lettuce,  
 Melon,  
 Onion,  
 Parsley,  
 Parsnip,  
 Peas,  
 Potatoes,  
 Radish,  
 Rhubarb,  
 Salsify,  
 Spinach,  
 Tomato,  
 Early Turnip  
 All Herbs.

### June.

*Sow in Open Ground.*

Beans, Lima and all  
 other sorts,  
 Beet,  
 Broccoli,  
 Brussels Sprouts,  
 Early Cabbage,  
 Carrot,  
 Cauliflower,  
 Sweet Corn,  
 Cress,  
 Cucumber,  
 Endive,

Kale,  
 Kohlrabi,  
 Lettuce,  
 Melon,  
 Nasturtium,  
 Okra,  
 Early Peas,  
 Potatoes,  
 Pumpkin,  
 Radish,  
 Salsify,  
 Spinach,  
 Squash,  
 Herbs.

### September.

*Sow in Open Ground.*

Cabbage for Cold  
 Frames,  
 Cauliflower for Cold  
 Frames,  
 Tuberous Chervil,  
 Corn Salad,  
 Cress,  
 Siberian Kale,  
 Lettuce,  
 Mustard,  
 Winter Radish,  
 Spinach,  
 Turnip.



# ESTABLISHED 30 YEARS.

We herewith present our Twenty-eighth Annual Illustrated Catalogue containing a list of things necessary for the Farm, Garden, Lawn, Green House, Dairy, Poultry Yard, etc., also call special attention to our tin shop where everything in the line of tin and galvanized iron work is promptly done. We are better prepared than ever to meet the full requirements of our trade, and thank our many friends for past favors and generous patronage.

For thirty years this house has been located in this same block, having been established in 1868, by Mr. A. D. Perry. We are pleased to announce that never before have we been in better position to fully meet the requirements of our trade, than now. This firm is the only strictly Seed house in Central New York. Importing the finest and choicest varieties of flower and garden seeds—as well as dealing in all the more common sorts of field and garden Seeds, Implements, Drain Tile, Hardware, &c., and which this catalogue will more fully explain.

Very sincerely,

F. H. EBELING.

## Stablirt 30 Jahre.

Wir übergeben dem geehrten Publikum hiermit unseren 28sten jährlichen Catalog für das Jahr 1898. Derselbe enthält eine vollkommene Liste der ausserlesenen Sorten frischer Garten-, Feld- und Blumen-Samen, sowie von allen Artikeln, welche für den Landbau, Garten, Allee, Treibhaus, Mölkerei, für den Hühnerhof u.f.w. nöthig sind. In Verbindung mit unserem Laden haben wir auch für die Bequemlichkeit unserer Kunden eine Blech- und Klemmer-Werkstätte eingerichtet; auch besorgen wir galvanisirte Eisenarbeit. Wir sind besser wie je vorbereitet, den Wünschen des Publikums in unserem Geschäftszweige nachzukommen und danken wir unseren vielen Freunden für die soweitige kräftige Unterstützung, welche uns in solch' reichem Maße zu Theil wurde. Dreißig Jahre lang war unser Geschäftshaus in ein und demselben Häusergeviert lokalirt; gegründet wurde dasselbe im Jahre 1868. Dies ist das einzige wirkliche Samen-Geschäft in Central New York. Wir importiren die besten und seltensten Samenarten vom Auslande, eigens von Sachverständigen für unseren Laden ausserlesen. Wir halten auch Ackerbau-Geräthschaften, Handwerkszeug, Drainir-Ziegeln, Eisenwaaren u.f.w. stets auf Lager. Alles Nähere besagt dieser Catalog. Herr F. H. Ebeling, der Eigenthümer, macht es sich zur besonderen Aufgabe, alle seine werthen deutschen Kunden in ihrer Muttersprache zu bedienen und ist es sein stetes Bestreben, durch freundliche und zuvorkommende Bedienung ihre Kundenschaft und ihr Wohlwollen zu erwerben und zu erhalten.

Achtungsvoll zeichnet,

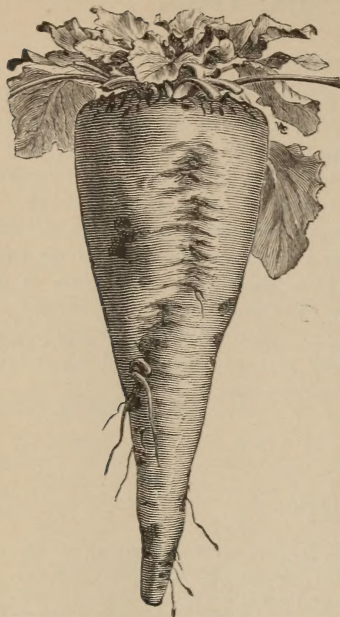
F. H. Ebeling,

Eigenthümer des Perry Samen-Laden.

217 Warrentraje, Syracuse N. Y., (dem neuen Postamt gegenüber.)

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VILMORIN'S IMPROVED IMPERIAL  
SUGAR BEET.  
For Beet Sugar.



ECLIPSE BEET.

### ASPARAGUS, *Spargel*.

	Per oz.	Per lb.
Barr's Mammoth.....	\$0 10	\$0 75
Palmetto, "new" true stock.....	10	75
Conover's Colossal.....	10	40
Moore's Cross Bred, Roots per 100....	1 00	
Roots of other varieties, per 100.....	1 00	

### VILMORIN'S IMPROVED IMPERIAL SUGAR.

A medium sized white sugar beet, which by the most careful selection has been brought to the highest perfection, both in the constancy of shape, size and color of the roots and their high sugar content. Greatly esteemed by sugar manufacturers.....

10 30

### BEET, *Runkel Rube*.

	Per oz.	Per lb.
Electric, turnip, red, very early,....	\$ 10	\$0 75
Detroit Dark Red Turnip (see pp. 13)	10	60
Crosby's Egyptian early Forcing....	10	60
Edmand's Ex. Early.....	10	60
Early Bastian or Lentz.....	10	60
Eclipse Beet.....	10	60
Egyptian Turnip, extra early.....	10	60
Bassano, early.....	10	60
Dewing's Ex. early blood Turnip....	10	60
Lentz or Bastian.....	10	60
Improved Long Blood.....	10	60
Mammoth Long Red Mangel.....	10	25
Yellow Mammoth or Intermediate....	10	40
Yellow Ovid Giant.....	10	25
Yellow Globe, Mangel.....	10	45
Golden Tankard Sugar for table....	10	45
Taber's Gate Post, new mangel....	10	40
Swiss Chard, for greens.....	10	60

### BIRD SEED, Etc.

	Per lb.	3 lbs. for
Canary, best quality.....	10 cts.	25 cts.
Parrot Seed.....	10 "	"
Hemp, re-cleaned.....	10 "	"
Unhulled Rice.....	10 "	"
Sunflower.....	10 "	"
Rape.....	10 "	"
Millet.....	10 "	"
Maw.....	25 "	"
Silver Washed Gravel, per pkg.	10 "	"
Mocking Bird Food, per bottle..	30 "	"
Bird Song Restorer, per bottle..	25 "	"
Shepherd's Song Restorer.....	25 "	"
Audubon's Iron Bird Tonic.....	25 "	"
McAllister's Mocking Bird Food	30 "	"
McAllister's Bird Lice Destroyer	25 "	"
Lettuce Seed for Birds, per oz..	10 "	"
Cuttle Bone, per oz.....	05 "	"
3 lbs. Bird Seed for.....	25 "	"
Fish Food, package.....	10 "	"

Poultry Supplies and Bone Mills on last page.

While we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, express or implied, and will not be in any way responsible for the crops. If the purchaser does not accept the Seeds on these conditions, they must be returned at once.

Bei uns wird Deutsch gesprochen.



**BEANS, (Bush) *Garten Bohne*,**

	Per qt.	Per bu.
Ferry's Detroit Wax.....	\$0 30	\$3 00
Wardwell's Kidney Wax....	30	6 00
White Wax, flat yellow pods	30	6 00
Black Wax, yellow pods...	30	4 00
Golden Wax, improved.....	25	3 00
Golden Eyed Wax.....	30	5 00
Early Refugee Wax.....	20	5 00
Early Stanton.....	20	3 00
Early Long Yellow, six we'ks	25	4 00
Burpee's Bush, Lima, large	40	9 00
Dwarf Horticultural.....	30	5 00
Improved Valentine.....	25	4 25
Mohawk, one of the earliest	30	4 25
China Red Eye.....	20	4 00
Boston Yellow Eye.....	20	3 50
Refugee Pickling bean.....	25	3 00
Best of All.....	25	4 50
White Kidney.....	20	2 50
White Marrow.....	20	2 50

**BEANS, (Pole or Runners),**

	Per qt.	Per bu.
Dreer's Golden Cluster Wax	\$0 30	\$8 00
Black Wax, yellow pod....	30	6 00
Giant Wax.....	30	8 00
Lazy Wife, pole.....	30	6 00
Early Jersey Lima, "new"...	30	8 00
Washington Market Lima...	30	8 00
Ford's Mammoth Pod Lima	30	8 00
Large White Lima.....	30	8 00
Platt's King of the Garden Lima.....	30	8 00
Siebert's Early Lima.....	30	7 00
Cranberry, Speckled or Goose Egg.....	30	6 00
Case Knife, white, flat....	30	6 00
Scarlet Runner.....	40	8 00
White Dutch Runner.....	40	8 00
Onondaga Pole.....	25	5 00
Brown Windsor.....	60	



CLEVES' ANGLE TROWEL.

These Weeders and Trowels are the very best hand appliances ever introduced for rapid work. We know no better Weeder.

Price prepaid by mail, for either, 30 cents; at our store, 25 cents.



TRUE ERFURT CAULIFLOWER.

**BORECOLE or Kale. See Kale or Borecole.**

	Per oz.	Per lb.
Green Curled Scotch or Sea Kale.....	\$0 20	\$2 00
Purple or Brown Kale.....	20	2 00

**BROCCOLI, *Spargel-Kohl***

Early, large (French).....	per oz.	30
South Hampton.....	"	30

**BROOM CORN.**

	Per bu.
Evergreen or Dwarf.....	4 00

**BRUSSELS SPROUTS.**

<i>Rosen Kohl.</i>	Per oz.	Per lb.
Dwarf, Fine French.....	\$0 20	\$2 25

**CAULIFLOWER, *Blumen-Kohl.***

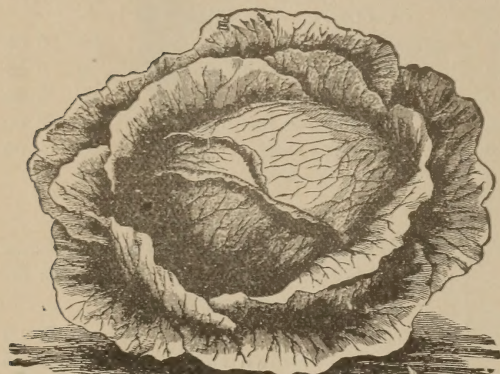
	Per oz.
Snowball, extra small leaf, fine....	\$3 00
Dwarf Erfurt, first quality, true....	3 00
Half Early Paris, large heads.....	75

**BARGAINS IN PLOWS.****Bone Mills and Poultry Supplies**

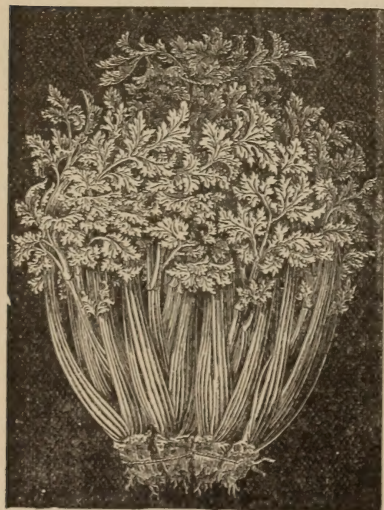
See last pp.



JERSEY WAKEFIELD.



PREMIUM BRUNSWICK, SHORT STEM.



Copyright 1883.

WHITE PLUME CELERY.

**CABBAGE, Kopf-Kohl.**

	Per oz.	Per lb
Etampes, early, pointed head, .....	\$0 20	\$2 00
Henderson, early summer .....	25	2 50
Winingstadt, hard early .....	25	2 00
Early Jersey, Wakefield .....	25	3 00
Early Ox Heart, French .....	25	2 00
Sure Head Cabbage .....	25	2 00
Filderkraut .....	25	2 00
Succession .....	25	3 00
Perry's Premium Brunswick .....	25	2 50
Fotler Brunswick .....	25	1 50
Danish Ball Head, new .....	30	3 00
Hollander .....	30	3 00
Gregory's All Season .....	25	2 50
Extra Flat Dutch .....	25	1 50
Perry's Premium Flat Dutch .....	25	3 00
Drumhead (Improved) .....	25	2 00
Stonemason Drumhead .....	25	2 50
Marblehead Mammoth .....	20	1 50
Bergen, large, very fine .....	30	3 00
Warren Stonemason .....	30	2 50
Allen's Faultless, new .....	25	3 00
Early, Dark Red, Pointed .....	25	2 00
Red Dutch, "Erfurt" .....	25	3 00
Large Red Drumhead .....	25	3 00
Large Auber Savoy, new .....	25	3 00
Globe Savoy, new .....	25	2 50
Victoria Savoy .....	30	3 00

**CELERY, Sellerie.**

Evans' Triumph .....	30	3 50
Henderson's Pink Plume, new, crisp .....	40	3 50
Self-Blanching or White Plume, best .....	30	2 00
Kalamazoo, large ribbed .....	30	1 50
Paris Golden Yellow, large, self blanching .....	40	3 50
Giant Paschal, large ribbed .....	20	2 00
White Giant, solid .....	20	2 00
Boston Market .....	20	2 00
New Rose .....	30	3 00
Perfection Hartwell .....	30	3 00
Sandringham Dwarf, white .....	20	2 00
Golden Heart Half Dwarf .....	20	2 00
Celeriac, Root Celery, new, apple shape .....	25	2 00
Soup .....	05	40

**CHICCORY, Chichorie.**

Improved Large Leaves for Greens .....	15	1 00
Large Rooted for Coffee .....	15	1 00

Good Seed and Fertilizer make Fine Lawns. We can supply both.

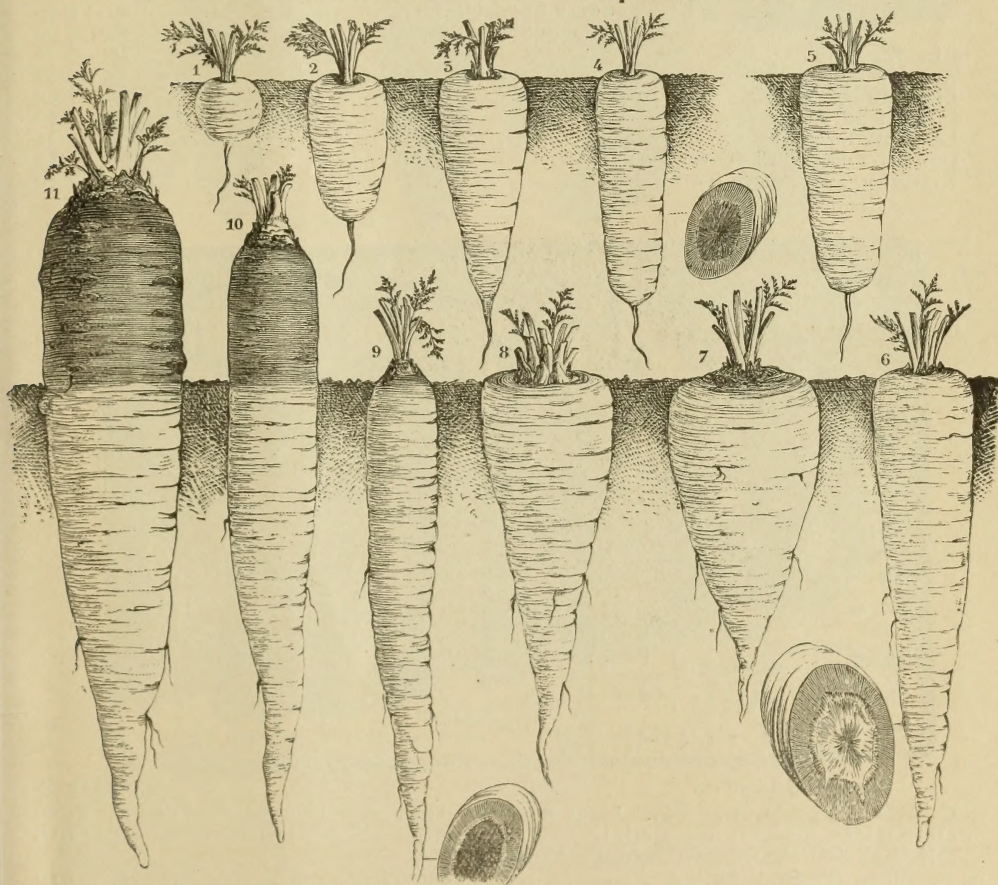
Bone Mills and Poultry Supplies, pp. 63, 64, 65.



**CARROT, *Gelbe Ruben.***

	Per oz.	Per lb.
Oxheart (or Guerande).....	\$o 10	\$o 75
No. 1, Early Forcing, nearly round.....	10	75
" 2, Early Horn.....	10	65
" 3, Half Long Scarlet, pointed.....	10	75
" 4, Half Long Nantes.....	10	75
" 5, Half Long Danvers.....	10	60
" 6, Long Orange, below ground.....	10	75
" 7, Large White Vosges, for cattle.....	10	65
" 8, Half Long Pointed, James' new.....	10	65
" 9, Altringham, red for butter.....	10	50
" 10, Long Orange, green top.....	10	75
" 11, Large White Belgian.....	10	65
" 12, Chantenay Half Long.....	10	75
" 13, Meaux Long, stump rooted.....	10	75

**This Cut shows the true shape of Carrots.**



**Call for our Plant Food, Lawn Seed and Lawn Dressing. Cash paid for Pumpkin Seeds, Bargains in Plows.**

Bei uns wird Deutsch gesprochen.

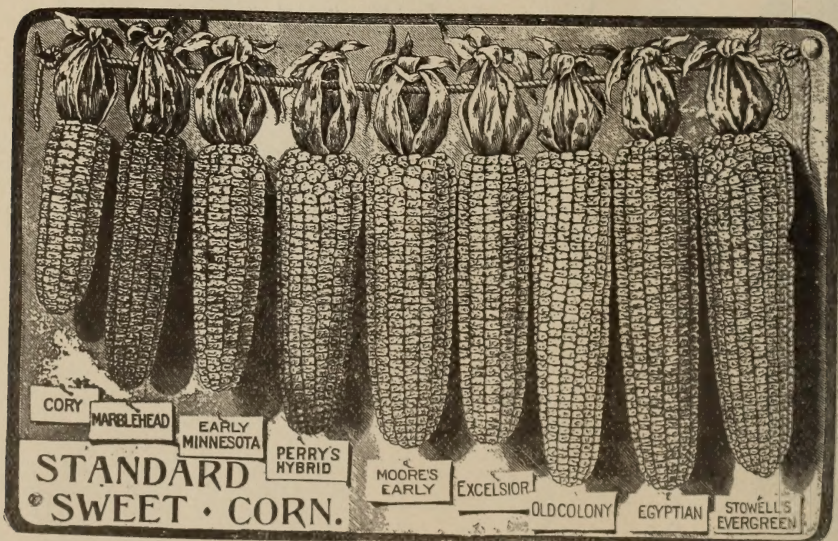




	Per qt.	Per bu.
Rice Pop Corn.....	10	1 50
Angel of Midnight Corn.....		1 50
Eight-Rowed Yellow.....		1 00
Pride of the North.....		1 00
Leaming, Early Fodder Corn.....		85
Our Genuine "Sou" Fodder Corn.....		85
Evergreen Sweet Corn for Fodder.....		1 50

Add 16 cents per quart by mail.

	Per qt.	Per bu.
Banana Cream, the sweetest and best.....	20	\$3 00
Ne Plus Ultra, new, small, very sweet.....	20	3 00
Mammoth White Cory, 12-row.....	25	6 00
Cory Red, earliest.....	20	3 00
Cory White.....	20	3 00
Marblehead, extra early.....	20	2 50
Perry's Hybrid, large, early, 12-rowed.....	20	2 50
Early Minnesota.....	20	2 50
Crosby Early.....	20	2 50
Ballard's Red Cob.....	20	2 50
Moore's Early Concord.....	20	2 50
Asylum, large, fine.....	20	2 50
Shaker's, large, early.....	20	2 50
Egyptian, large, late.....	20	3 00
Stowell's Evergreen, extra fine, true.....	20	2 50
Shoe Peg Evergreen, Ne Plus Ultra.....	20	4 00
Country Gentleman.....	20	3 00
Mexican Black.....	20	3 00
Hickox's Improved Sugar.....	20	2 50
Potters's Excelsior.....	20	3 00
Mammoth Sugar.....	20	3 00



Seed Field Corn.	Corn. Korn.	Per oz.	Per lb.
CORN SALAD, <i>Ackersalat</i> . Large Round Leaved or Small Seeded.....		\$0 15	\$1 00
CHEVIL, <i>Gartenkerbel</i> . Curled.....		20	2 00
CRESS OR PEPPERGRASS, <i>Kresse</i> .			
Cress, Garden Curled.....		10	1 00
Water Cress.....		20	2 00
Dwarf, Fine Curled.....		10	1 00

Special Price on Seed for Cash.

Use Legget's Dry Powder Gun—Big Thing. See page 40.





GROUP OF CUCUMBERS

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White Spine; 6, Gen. Grant.

**CUCUMBER, *Gurke*.**

Per oz. Per lb.

Green Prolific, extra early	\$0 10	\$0 60
Early Russian	10	60
Early Frame	10	60
Early Cluster	10	60
White Spine, extra stock	10	60
Early Boston Market, extra	10	60
Extra Long, white spine, new	10	50
Long Green	10	60
London, or Extra Long Green	10	60
Burpee's White Wonder, new	25	
Parisian long White ridge	Per Packet 10	

Mammoth Green Spine	10	
Giant Pera	20	
Telegraph, per dozen seed	25	
West India Gherkin	25	
Marquis of Lorne	25	

**EGG PLANT, *Eierpflanze*.**

Large Purple Egg Plant	35	4 00
New York Improved	35	4 00
Black Perkin	35	4 00

**ENDIVES, *Endivien*.**

Green Curled Winter	20	
Fine Curled Summer	20	
Broad Leaf (or Escarola)	20	

**HONEY LOCUST. For hedges**

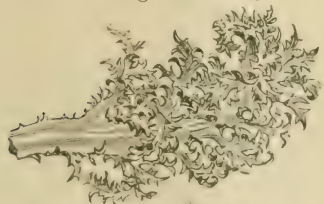
GARLIC, <i>Knoblauch</i>	Sets	\$0
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**KALE, see Borecole****KOHL RABI.**

White, above ground	25	3 00
Purple, "	25	3 00

**LEEK, *Lauch*.**

London, broad flag	25	3 00
Large Rouen	25	3 00



ENDIVE.

Bei uns wird Deutsch gesprochen.

**LETTUCE, *Salat*,**

Per oz. Per lb.

Asparagus, "New" (see cut, page 13).....	\$ 30	\$3 00
Grand Rapids, new forcing.....	20	3 00
Denver Market, early head lettuce.....	20	2 50

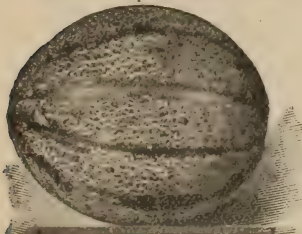


ONONDAGA LETTUCE.

Onondaga Market Garden, very best for Green House.....	20	2 00
Brown Dutch.....	20	2 50
Chartier.....	20	2 00
Green Fringed or Red Fringed.....	20	1 50
Boston Market.....	20	1 50
Satisfaction.....	20	2 00
Boston Curled, fine for hot bed.....	20	1 50
Early Curled Simpson, black seed.....	20	1 50
Early Curled, Silesian.....	20	1 50
Golden Stone.....	20	2 00
Ice Drumhead.....	20	1 50
Hanson Head.....	20	1 50
Deacon Head.....	20	2 00
Batavian Brown Head.....	20	1 50
India or Prize Head.....	20	1 50
Tennis Ball.....	20	1 50
White Cos.....	20	2 00

**MUSK MELON, *Melone*.**

New Paul Rose, see page 13 for description.....	50	
Grand Rapids Market Musk Melon, the largest early Melon out.....	20	1 00
Surprise, round, yellow fleshed, medium size.....	10	75
Miller's Cream, very fine.....	10	75
Emerald Gem.....	10	75
Orange Christiana, "fine netted," yellow flesh.....	10	75
Osage, large western.....	10	75
Pineapple.....	10	75
Nutmeg, fine netted, extra early green, rich and sweet.....	10	75
White Japan.....	10	75
Cassaba, pointed, thick fleshed.....	10	75
Bay View, large, green fleshed, fine for a large melon.....	10	75
Large Nutmeg or Improved Cantelope, fine for market.....	10	75
Montreal Market Musk.....	10	75
Hackensack, very fine.....	10	75



PAUL ROSE MUSK MELON.

**WATERMELON, *Wassermelone*.**

Sweet Heart, early, large, handsome, heavy, see pp. 13.....	10	1 00
Green and Gold, new fine.....	10	60
Seminole.....	10	60
Cuban Queen Extra.....	10	60
Phinney's Early, red flesh and solid; very prolific.....	10	60
Mountain Sweet, old favorite.....	10	60
Mountain Sprout.....	10	60
Black Spanish, round, dark green, with red flesh.....	10	60
Icings or Ice Cream, white seeded.....	10	60
Green Citron, for preserves.....	10	60
Scaly Bark, new, highly recommended.....	10	60
Kolb's Gem.....	10	60

We can supply everything for the Lawn. Buy your Plows of us and save money.





MUSHROOM SPAWN.

**MUSHROOM SPAWN.**

English.....	per lb.	\$0 50
French.....	per box \$1 25	2 00

**MUSTARD, Senf.** Per oz. Per lb.

White .....	\$0 05	\$0 20
Brown.....	05	20

Per oz.

**MARTYNIA** for Pickles. 40**NASTURTIUM, Kapusinerblume.**

Tall, see Flower Seed..... 10

Dwarf..... 15

**OKRA or GUMBO, Essbarer.**

Dwarf, white..... 10

**ONION, Zwiebel.**

Per oz. Per lb.

Prize Taker.....	15	1 00
Australian Brown, see pp. 14.....	25	3 00
Yellow Danvers, improved best stock.....	15	90
Early Red, extra early.....	15	90
Southport Red Globe.....	15	1 00
Large Red Wethersfield.....	15	1 00
Holton Seed, produces the Bolton sets.....	30	3 00
White Silverskin, for bunching.....	25	2 00
Southport White Globe, very choice.....	25	3 00
Giant Rocca.....	30	2 00
Mammoth Silver King.....	30	3 00

Top Onion Sets,

Bolton,

Yellow,

White,

Potato,

Market  
Price.The price of Onion  
Seed is subject to  
change without  
notice.**PARSLEY, Petersilie.**

Per oz. Per lb.

Champion Moss Curled .....	10	75
Fern Leaved .....	10	75
Extra Double Curled.....	10	75

**PARSNIP, Pastinake.**

Long White.....	10	50
Hollow Crown, best for general use.....	10	50

**PEPPER, Pfeffer.**

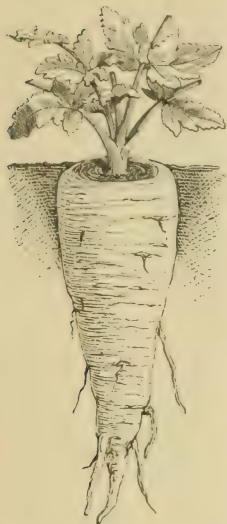
Rose Mammoth, very fine.....	40	3 00
Chili, very small for Pepper Sauce.....	25	2 50
Bell or Ox Heart, rind thick, extra large.....	25	2 50
Ruby King, extra large.....	25	2 25
Cayenne .....	25	2 50
Mountain Sweet, for stuffed pickles.....	25	2 50
Golden Dawn, yellow.....	30	3 00
Golden Queen .....	30	3 00
Celestial, new, novelty .....	30	3 00
Red Cluster.....	20	3 00

Pocket Knives and Razors.

Potting Earth in any Quantity.

See our low priced New Lever Harrow.

Bei uns wird Deutsch Gesprochen.



HOLLOW CROWN PARSNIP.



BELL OR OX HEART.

**PEAS.** *Erbsen.***Extra Early Sorts.**

Per qt. Per bu.

Bergen Fleetwing, very fine, early.....	\$0 25	\$3 00
Cleveland's Alaska, one of the earliest blue peas .....	25	3 00
Rural New Yorker, very early, prolific.....	25	3 00
Earliest of All.....	25	3 00
Kentish Invicta, early, small.....	25	3 00
First and Best, very early. prolific.....	25	3 00
Perry's Forty-two Day, the best extra early.....	25	3 00
Philadelphia Extra Early, resembling First and Best.....	25	3 00
Carter's First Crop, 2½ feet.....	25	3 00
Improved Daniel O'Rourke, 2½ feet, a favorite among gardeners .....	25	3 00

**Dwarf Varieties.**

Nott's Excelsior, early, large and pod very prolific .....	\$ 30	\$5 00
*Blue Peter, green, smooth, 1 foot.....	30	5 00
*American Wonder, green, 1 foot, extra early and productive .....	30	5 00
*Premium Gems, very early, fine dwarf.....	30	3 75
*McLean's Little Gem, very fine, popular, 1 foot.....	30	5 00

**Second Early and Late Varieties.**

*Improved Stratagem, 1 to 2 feet, vigorous, one of the very best.....	\$ 25	\$3 75
*Paragon, double podded, great yielder, new, very fine.....	30	5 00
*Bliss, Abundance.....	30	5 00
*McLean's Advancers True, long pods, fine quality, 2½ feet.....	25	2 75
*Champions, very fine, old favorite, 4 feet.....	25	3 50
*Horsford's Market Garden, good cropper, 2½ feet.....	30	4 00
*Telephone, the finest large second early pea in the market, 3 feet.....	30	5 00
*Yorkshire Hero, large, late, very productive, 2 feet.....	25	4 50
Melting Sugar, edible pods.....	30	5 00
Gray Sugar, edible pods.....	30	5 00
White Royal Dwarf Marrowfat, 2 feet.....	15	2 50
Black Eyes, No. 1, very early and prolific, 3 feet.....	20	2 00
Canada Field.....		1 00

Wrinkled varieties marked thus. \*

*These prices are subject to change without notice.***POTATOES.** *Kartoffel.*

Ohio, Jr .....	} Price on Application.
Early June.....	
Early Maine.....	
Early Ohio.....	
Freeman.....	
Early Rose.....	
Beauty of Hebron.....	

**PUMPKIN SEEDS.** *Kurbiss.*

	Per Qt.	Per Bu.
Connecticut Field .....	\$ 10	\$2 00
Cheese Pumpkin.....	60	
Cashaw Pumpkin, fine table...	60	
Mammoth King.....	60	
Mammoth Pie, per packet.....	10	





NE PLUS ULTRA.



FRENCH BREAKFAST RADISH.



CHINESE ROSE WINTER RADISH.

**RADISH, Radischen.**

*Our Radish Seed is the very best  
French Stock.*

	Per oz.	Per lb
Early Scarlet Globe. See pp. 14.....	\$0 10	\$0 75
Rosy Gem. see pp. 14.....	10	1 00
Barteldes Glass Radish, crisp, mild .....	10	75
Ne Plus Ultra, Deep Scarlet Turnip.....	10	75
Half Long, Deep Scarlet.....	10	75
Early Scarlet Turnip, white tipped .....	10	75
Early Deep Scarlet Turnip, forcing, new....	10	75
Early White Box or Turnip.....	10	75
Early Deep Scarlet, olive shade, small top..	10	75
White Olive Shaped or Newcome.....	10	75
Yellow Turnip, new.....	10	75
French Breakfast, white tipped.....	10	75
White Giant Stuttgart, summer.....	10	75
Short Top Scarlet, long, Wood's frame.....	10	75
Chartier Long, white tipped.....	10	75
Scarlet Chinese Rose Winter, fall variety ..	10	75
Long Black Spanish, winter.....	10	75
White Giant Spanish.....	10	75
Gray Long, winter.....	10	75
White Strasburg or Hospital.....	10	75
White Russian, very large.....	10	75

**SALISFY, Bocksbart.**

Or Vegetable Oysters.....	10	1 00
Mammoth Sandwich Island, new.....	10	1 25
Sorrel, Large Leaved French.....	10	1 50

**SPINACH, Spinat.**

Prickly, fall, extra large.....	5	20
Round Leaf, Viroflay.....	5	20
Victoria, see pp. 14.....	5	25
Bloodsdaile.....	5	20
Long Standing.....	5	20

☞ 25 to 100 lbs. lots special prices.

**SQUASH, Kurbis.**

Golden Bush Scollop.....	10	65
Early Scollop, white.....	10	65
Giant Summer, Crook-neck.....	10	80
Hubbard, winter, extra stock.....	10	65
Boston Marrow, old variety, fall.....	10	65
Butman, nearly like Hubbard.....	10	65
Turban, excellent fall.....	10	65
New Essex Hybrid, fine flavor.....	10	65
Marblehead, like Butman.....	10	65
Brazillian, new, excellent green or ripe ..	10	65
Mammoth Chili.....	20	1 50
Cocoanut.....	20	1 00
Winter Crook-neck.....	20	1 00
Ford Hook, new.....	20	1 00
Canada Crook-neck, winter.....	10	75
The Faxon, new, very early.....	15	1 00

**TOBACCO SEED, Tabak Samen.**

Conneticut.....	40	4 00
Primus, new, very hardy, Virginia.....	2 00	----
Wilson's Hybrid Seed, sealed packages ..	1 00	----
Haynes, sealed packages.....	1 00	----
Eureka.....	1 00	----

Bei uns wird Deutsch Gesprochen.

Special Discount for Cash.



Yellow Plum .....	5c.	paper
Plentiful, new .....	25c.	"
Purple Husks .....	5c.	"

<b>TURNIP, <i>Steckrube.</i></b>	Per oz.	Per lb
Purple Top, flat strap leaf .....	\$0 10	\$0 40
Mammoth Purple Top Globe .....	10	50
Golden Ball or Orange Jelly .....	10	50
White Norfolk, large, fine summer globe shape .....	10	50
Henry Burt, the Gardner, says "your Early White Stone Turnip is the best I ever saw."		
Early White Stone .....	10	50



EARLY STONE TURNIP.

Parrot and Bird Seed. Choice Stock.

<b>SWEET HERBS.</b>	Paper
Anise, seeds aromatic .....	5c
Balm, has medicinal qualities .....	5c
Basil Sweet .....	5c
Borage, leaves used for salad .....	5c
Caraway, seeds aromatic .....	5c
Coriander, seeds aromatic .....	5c
Dill, seeds aromatic and medicinal .....	5c
Fennel Sweet seeds aromatic .....	5c
Horehound, medicinal qualities .....	5c
Lavender, leaves aromatic .....	5c
Marjoram, leaves used in seasoning .....	5c

<b>TOMATO, <i>Liebesapfel.</i></b>	Per oz.	Per lb
Early Michigan, very early big yielder .....	\$0 30	\$4 00
Earliest of All .....	25	3 00
Early Ruby .....	25	3 00
Atlantic Prize .....	25	2 50
Ignotum, new .....	25	2 50
Prelude, extra early .....	25	2 00
Canada Victor .....	20	2 00
Dwarf Champion .....	25	2 50
Scoville's Hybrid .....	25	2 50
Livingston's Beauty .....	25	2 25
Livingston's Favorite .....	20	2 25
Livingston's Perfection .....	25	2 50
Climax, extra quality .....	20	2 00
Acme, true, extra stock .....	20	2 00
Lorrillard .....	25	2 50
Cardinal .....	25	2 00
Golden Trophy .....	25	2 00
Low's Essex Hybrid .....	25	2 00
Trophy, large and solid, true .....	25	2 25
Hathaway's Excelsior .....	25	2 00
Paragon .....	25	2 00
Ponderosa, very large, solid .....	25	3 00
Strawberry or Ground Cherry .....	5c.	paper

	Per oz.	Per lb
White Dutch .....	\$0 10	\$0 50
Yellow Aberdeen .....	10	50
White Sweet Waldo or German one of the finest Rutabagas	10	50
Skirving's Rutabaga, purple top .....	10	50
Carter's Improved Swede, yellow .....	10	50
Laing's Improved Swede .....	10	50



KOHLE RABI.

	Paper
Mint (Peppermint) .....	5c
Rosemary, aromatic .....	5c
Rue, medicinal qualities .....	5c
Saffron, medicinal qualities also dyeing .....	5c
Sorrel .....	5c
Sage, culinary herb .....	5c
Savory Summer, culinary herb .....	5c
Tarragon or Estragon .....	
Thyme, culinary herb .....	5c
Wormwood, medicinal qualities .....	5c

Bei uns wird Deutsch Gesprochen.



# NEW THINGS FOR 1898.

## Detroit Dark Red Turnip.

A grand new beet for bunching for market; tops exceptionally small and uniformly upright; roots are perfect turnip shape with small tap roots. The principal fault with most turnip beets is the occasional appearance of white rings, but by careful selection this has been overcome, and this will be found one of the deepest red beets. Quality is of the very best, sweet and tender. Gardeners can safely plant it largely. Lb. 60c., oz. 10c.

## Evans' Triumph Celery.

The stalks of this new variety do not grow as large with us as those of the Giant Pascal or Kalamazoo, but are larger than those of Boston Market or White Plume. It has a compact habit of growth and is a fine keeper. While it is crisp, brittle and tender, it has a stronger celery taste than any other variety. We recommend it as a good late keeping sort. Lb. \$3.50, oz. 30c.

## Banana Cream Sweet Corn.

This is rightly named. A most perfect sweet corn; delicious, tender and fine flavored variety. The finest later variety on the whole list of sweet corn. Qt. 25c., bu. \$3.00.

## Mammoth White Twelve Rowed Cory Corn.

The largest and best of all the first early sorts to be found. This is a great acquisition and will be greatly appreciated by the market gardeners. Price 25c., one-fourth bu. \$1.50.



The New Musk Melon

## "PAUL ROSE"



MR. PAUL ROSE, writes:

"I have found in my experience of nearly twenty years in melon growing, that there is an increased demand in most of the large cities of the Northern states for salmon-fleshed melons, and further that the trade prefer their melons in the half-bushel climax basket. For this reason I have labored to bring this melon to perfection, and by what you have already seen and learned of it, and by what the trade says of it wherever it has been introduced you can judge whether I have succeeded in supplying the 'long felt want' or not. The Osage is too large for a basket melon. The Emerald Gem will not stand transportation or warm weather, besides it grows all sized melons on the same vine. The Paul Rose corrects these faults, and will carry farther, stand up longer, and give better satisfaction than any salmon-fleshed melon I have ever grown. It is the best melon I have found for the North. My experience with it in Southern Indiana the past season was highly satisfactory except that it grows a little larger. I shall discard the Osage and plant the Paul Rose melon instead. This melon I shipped this season Pittsburgh, Cleveland, Toledo, Indianapolis, Chicago, and other distant points, and in every instance it arrived in good condition and sold for top prices." Pkt. 10c., 1-2 oz. 30c., oz. 50c.

## Sweetheart Water Melon.

This grand melon was extensively grown the past season and every planter was delighted with it, as it proved in the hands of our customers just what we claimed for it. Early, large, handsome, heavy, good shipper, long keeper. The skin and flesh are of splendid color.

Per oz. 10 c., lb. \$1.00

## Improved Stratagem Peas.

We do not hesitate to pronounce this the very best of the large podded peas. The pods are of immense size and uniformly filled with very large dark green peas of the finest quality. All the good qualities of the old Stratagem are so highly developed in this stock that it is incomparably better than the old strain and is not to be confronted with it. Qt 25c., bu \$3.75.

A GREAT NOVELTY.

## The New Asparagus Lettuce.

Per oz. 30c.

Per lb. \$3.00.

# NEW THINGS FOR 1898.

**The Australian Brown Onion** is of medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. They are **extremely early** in ripening, and *never make any stiff-necks or scullions*. Every seed seems to produce a good sized onion, and the bulb begins to form very quickly—when the plant is not over three inches high. Planted with the *Red Wethersfield*, it proved to be *nearly four weeks earlier* and ripened off more uniformly. It has the reputation of keeping indefinitely, and we think from its firmness and hardness that it **will keep in good condition longer than any other Onion known**. The color of the skin is a clear amber-brown. So widely contrasted from any other Onion is this color that it will be noticed on market, and when once bought, purchasers will be most likely to return and call again for "those beautiful brown onions." Per oz. 25c; per lb. \$3.00, postpaid.

**The Bride.** This is the best White Sweet Pea up to date.

In the bulletin (No. 127) of the Cornell University it is placed at the head of the whites, and it showed up much better than either Emily Henderson or Blanche Burpee at the University at Ithaca last summer, which is saying a great deal. Mr. Lynch cut perfect flowers as early as April 16 this year. Cut flowers of the **Bride** have brought the highest price over all the other Sweet Peas in the San Francisco market in 1896. The flowers are pure white, of fine substance, good size and the true Grandiflora type. Price, per lb. \$2.00;  $\frac{1}{4}$  lb. 60c; oz. 20c; pkt. 10c.

**Early Scarlet Globe Radish.**

This is the Radish grown so successfully by the Rochester and Buffalo greenhouse men, and much sought for in the market. It is considered one of the best for forcing. Oz. 10c; lb. 75c.

**Victoria Spinach.**

This is a splendid sort, with very large, thick leaves, quick to mature, and remains fit for use a very long time. A most profitable market gardener's spinach. Oz. 5c; lb. 25c.

**Spring Rye.**

We offer a fine crop of Spring Rye at \$1.50 per bu.

**Follett's Silver Oats.**

Mr. Follett grew nearly eight hundred bushels of this wonderful variety of oats on ten acres. It is large meated, with thin shell and long kernels, straw stiff and strong, grows large and stands up well. We can recommend these oats to our farmers as we are personally acquainted with the grower. Orders taken as long as stock lasts at 55c. per bushel.

**Dwarf Essex Rape.**

The true Dwarf Essex Rape is valuable as a fattening food for pasturing sheep in autumn. It is particularly adapted as a "catch crop," for it grows best late in the season. In the Northern States it can be sown at any time from May until the end of August but in the Southern States it should not be sown until September or October for winter pasture. Its fattening properties are said to be twice as good as clover. Sow ten to twelve pounds per acre broadcast, or four to five pounds per acre in drills fifteen inches apart. Per pkt. of 2 ozs. 10c.; per lb. 30c. postpaid, by mail. By express or freight, 10c. per lb.; 25 lbs. for \$2.25; 50 lbs. for \$4.00.



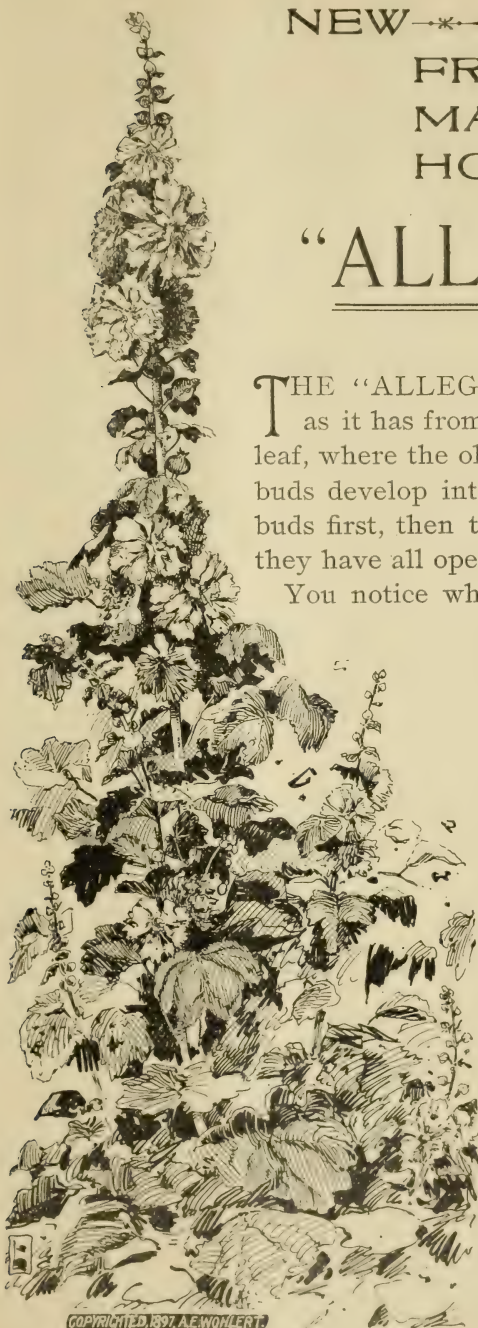
NEW—\*—\*—\*—\*—\*—

# FRINGED. MAMMOTH HOLLYHOCK

## "ALLEGHENY."

THE "ALLEGHENY" is a perpetual bloomer, as it has from two to four buds at base of each leaf, where the old style has only one. All of these buds develop into flowers in rotation, the largest buds first, then the smaller ones, and so on until they have all opened up to beautiful flowers.

You notice when looking at our picture of the plant, which is taken from a photograph, that it shows two sets of flowers, one set at the top and another lot just commencing to open up at the bottom. The ones near top of plant belong to the largest buds on stem, which open up first; the flowers lower down on the stem are the second largest buds just commencing to make themselves known. You will see how this will prolong the flowering season in a manner never known before. This is simply the greatest novelty among flowers for years and years. The "Allegheny" Hollyhock stands unique as a perpetual bloomer.



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# Miscellaneous Tools, Implements, Requisites, Tying Material, Etc.

	Price.
Asparagus Baucher, Watt's.....	\$ 3.00
Axe, handled.....	.75
" mattock, 85c.; with handle.....	1.00
Bill Hook, for shrubbery.....	1.25
Brush Hook, axle handled.....	1.15
Dibbers.....	.35
Floral Tools, set of 4, small.....	.50
" " set of 4, long handled.....	1.00
Forks, Digging, 4 prong.....	.75
" " 5 prong.....	.85
" Manure.....	.75
" Hay.....	.35c. and .45
" Hand-weeding.....	.15
Fruit Picker, wire.....	.75
Grafting Chisels.....	.65
Garden Lines, 100 ft.....	.50
Glazing Points, per 1,000.....	.65
Pincers, for above.....	.50
Gardening Tools.—Youth's set:	
Spade, Hoe, Rake, Trowel, Hand-weeder, 5 pieces.....	1.00
Grafting Wax, $\frac{1}{4}$ lb., 10c.; 1 lb.....	.25
Grass Hooks, extra quality.....	.45
Hanging Baskets, Rustic.—All prices.....	
Hatchets, broad pruning.....	.65
Hoes, Ladies'.....	.25
" Scuffle.....	.50
" Scuffle and Rake combined.....	.70
" Warren, small size.....	.45
" Prong, or Potato Hook.....	.40
Hoe and Rake combined.....	.45
Hose Nozzle, brass with spray, tip and stop-cock.....	.75
Hose Nozzle, Graduating, spray and stream.....	.50
Hose Nozzle, "Bordeaux." The best spraying Nozzle.....	.75
Hose Nozzle, Child's "Rainmaker,".....	.75
Hose Couplers, "Lightning".....	.25
Hot Bed Mats, Burlap Lined with wool and cotton waste, 6 x 6 ft. \$11.00 doz.....	each, 1.00
Knives, Budding: postage free.	
Ivory handles. Straight blade, long handle 1.00	
" " " " short " 1.00	
" " Round " curved " 1.00	
Knives, Pruning, stag handles, medium size, .75	
" " " " large " .85	
" " " " double bladed, 1.00	
Knives, Asparagus.....	.35
Labels Pot, per 1,000.....	.90
Picks, handled.....	.75
Plant Sprinklers, Rubber straight neck, .60 & .80	
" " " angle " .60 & .80	
Putty Bulb, Rubber, for glazing.....	.90

	Price.
Pruners, Water's Tree. 4 ft., 1.50; 6 ft., 1.25; 8 ft., \$1.25; 10 ft., \$1.25; 12 ft., \$1.50; extra knives, each.....	20
Raphia, for tying. Per lb.....	.25
Reels, for garden lines.....	.50
Rakes, Steel Garden, 35c.; 40c.; 45c.; 50c.....	
" Wooden, Hay.....	.20
Rakes for the Lawn:	
Lawn, wood and wire.....	.35 to .75
Automatic Self-cleaning teeth.....	.75
Saw, Pruning, double edge.....	.60
" " and chisel combined.....	.90
Scythes, Lawn, broad blades.....	1.00
" Grass, several lengths.....	.75
" Bush, short blades.....	.75
" Snath, (handle), patent fastening.....	.75
Scythe Stone, round, 15c.; flat, 5c.....	
Scissors, Flower picking.....	.75
" Grape thinning.....	.65
Shears, Ladies' light pruning.....	.75
" pruning, solid steel, 80c.; 90c; and 1.00-	
" hedge, 8 in. blade.....	1.25
" " 9 in. ".....	1.50
" " 10 in. ".....	1.75
(with notch, to cut $\frac{1}{2}$ in. branches, 25c. extra.)	
Shears, lopping, for limbs of trees.....	2.00
Shovels, smooth back.....	.75
" round point, No. 2 size.....	.75
Spades, smooth back, No. 2 size.....	.75
Stakes, Round Green Tapering.	
Each. Per doz. Per 100	
2 feet.....	3c. 25c. 1.75
3 ".....	5c. 50c. 3.50
4 ".....	7c. 75c. 5.00
5 ".....	8c. 90c. 6.50
Syringes, solid brass.....	3.50
Thermometers, for Green Houses, Dairy, Incubators and Brooders, Hot Houses, Hot Beds, &c., All prices.....	
Tree Tubs, All prices, see pp. 15.....	
Trellises.....	25c to 1.75
Trowels, ordinary.....	10c; 6 in. 15
" solid steel.....	.45
Trowels Cleves' Angle, very handy narrow trowel.....	small size, 20c; large size, 30-
Watering pots, galvanized iron, all prices.....	
Watering pots, common, all prices.....	
Weeders, All prices.....	
Water Barrel and Truck.—The barrel is raised from the ground, carried to the place desired and instantly detached, all without handling. The weight being balanced over the axle, no lifting or down pressure is needed in transportation.....	7.00



## KEY TO TOOLS, ETC., ON FOLLOWING PAGES.

No.	Price.	No.	Price.
1 Solid Shank Hoe.....\$	\$0 25	50 English and American Hooks\$	25 to 50
2 Notched Scuffle Hoe.....	1 00	51 Steel and Malleable Garden	
3 Narrow Hoe and Rake.....	50	Rakes.....	25 to 60
4 Socket Common Hoe.....	25	52 English Lawn and Grass	
5 Trowel Shape Weeding Hoe..	75	Scythe.....	50 to 1 25
6 Onion Hoe "double end".....	50	53 English and American Spades	60 to 1 50
7 Hoe and Rake, several sizes..	25	54 Latest Pattern Steel Garden	
8 Potato Hook, several sizes..	25 to 75	Rakes.....	40 to 75
9 Secor Weeding Hook.....	20	55 All styles of Shovels, large	
10 Large Plantation Hoe.....	50	and small.....	25 to 75
11 Thistle Spud.....	50	56 Asparagus, Dock and Weed	
12 Thistle Spud for Lawns.....	50 to 75	Digger.....	30
13 Pruning Shears, all kinds....	40 to 1 50	57 Weeders.....	50
14 Hedge Shears, several sizes..	1 00 to 1 75	58 Waters' Tree Pruner.....	75 to 1 25
15 Sheep and Grass Shears.....	60 to 1 50	59 Steel Trowels.....	10 to 50
16 Border Shears with Roller or		60 Cleves Angle Trowel.....	15 to 25
without.....	2 50 to 4 00	61 Watering Pot.....	25 to 75
17 Spud for pulling vegetables,		62 " " "extra length.....	1 00
etc.....	1 00	63-64-65-66 Weeders.....	15 to 30
18 Patent English Weeder.....	25	67-68-69-70-71-72 Thermometers	20 to 1 00
19 " " " Scuffle Hoe.....	30 to 50	73 Pruning Saws.....	75
20 Onion and Celery Plow, Fire-		75-76-77-78-79 Syringes.....	1 00 to 4 00
Fly.....	2 50	80 Double Leaf Rake.....	75
21 Tack Claw.....	15 to 25	81 Gardener's Mittens.....	50
22 Pruning and Wood Saws.....	50 to 1 50	82 Small Ax.....	75
23 Mattock, several styles.....	50 to 1 00	83 Fumigator.....	1 25
24 Transplanting Fork.....	15 to 40	84 Powder Gun.....	15 to 25
25 Wire Leaf Rake.....	60	85 Breen's Finger Spade.....	10
26 Narrow Mattock.....	75	86 Lang's Weeder.....	25
27 Tree Pruners, several styles..	1 00 to 3 50	87 Gazier's Points, per box....	60
28 Steel Trowels, all grades....	10 to 60	88 " " " Pincers.....	40
29 Flower Gatherer.....	50 to 1 00	89 Rubber Plant Sprinkler.....	75 to 90
30 Lang's Patent Weeder.....	25	90 Putty Bulb.....	90
31 Trellis, all sizes.....	20 to 2 00	91 Pedestal.....	2 50
32 Double Edge Pruning Saw.....	75	92 Lily Pot.....	40
33 Bill Hook.....	1 00 to 1 50	93 Hanging Log.....	25 to 75
34 Garden Line Reel, very		94 Oblong Lily Pot.....	60
durable.....	1 50	95 Begonia Pot.....	25
35 Grape and other Scissors.....	25 to 1 00	96 Rustic Pot.....	50
36 English Lawn Rake.....	75 to 1 25	97 Standard Flower Pots, all	
37 Whittling and Pruning Knives	50 to 1 25	Prices.....	
38-39-40 English Pruning Knives	50 to 1 25	98 Jardinier, all Prices.....	
41-42 Budding and Grafting		99 Wire Pot Brackets.....	15 to 20
Knives.....	50 to 1 00	100 Hyacinth Glass.....	15
43 Grafting Chisel.....	75 to 1 00	101 Wire Plant Stand.....	3 00
44 English Pruning Hook Knife..	1 00	102 Flower Pot and Cage Bracket	15 to 1 00
45 Dibber for transplanting....	25	103 Saucers, price according to	
46 Border Knives.....	60 to 1 25	size.....	
47 Floral Sets of four pieces....	50 to 75	104 Wooden Tubs.....	1 00 to 3 00
49 Warren Hoe, very practical..	50		



## SEED AND GRAIN TRYERS.

Large Taper	Tryer, Steel Point, Nickled,	Price, \$1.25
"	" " Brass,	1.00
Small Straight	" " Brass,	.75

A LIBERAL DISCOUNT TO THE TRADE.

Note our special offer on Poultry Supplies on last page.





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PRUNING SAWS.



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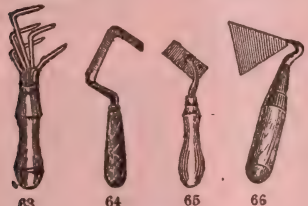
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TROWELS.

WATERING POTS.



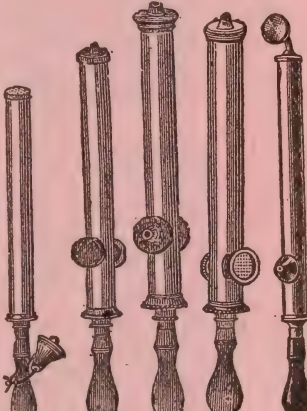
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WEEDERS.



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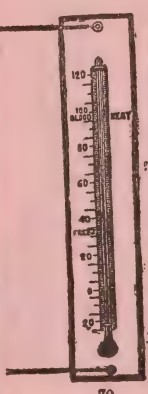
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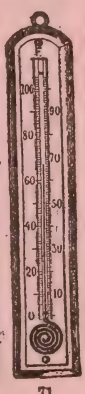
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BRASS SYRINGES.



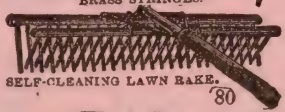
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SELF-CLEANING LAWN RAKE.

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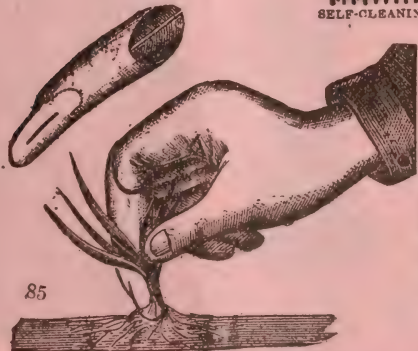
EUREKA FUMIGATOR.

83.



POWDER GUN.

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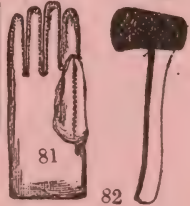


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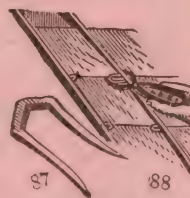
LANG'S Weeder

PAT'APPLIED FOR.



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GLAZING POINTS AND PINCERS



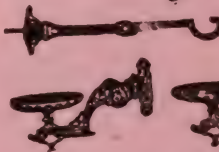
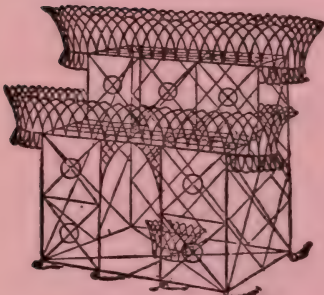
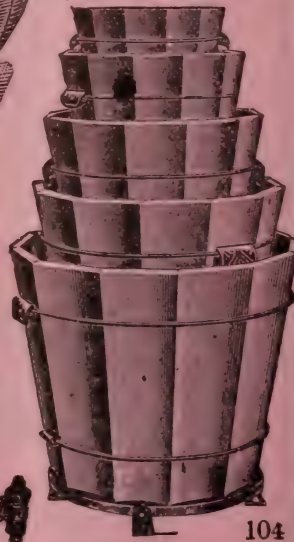
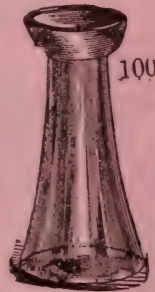
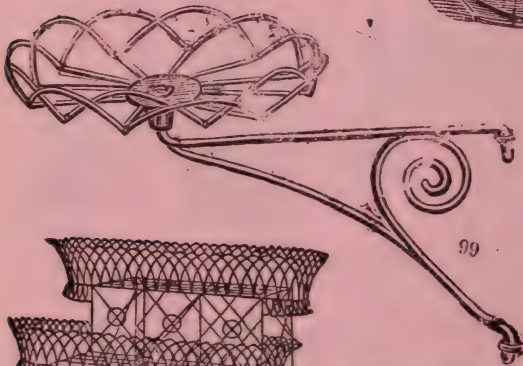
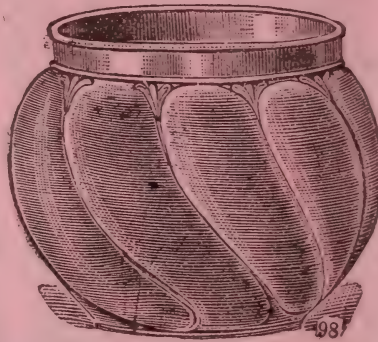
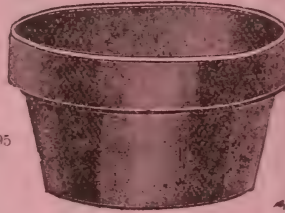
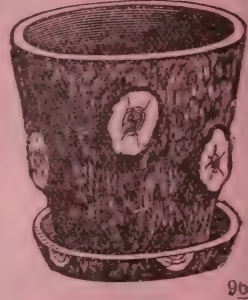
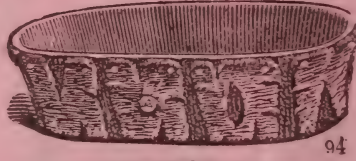
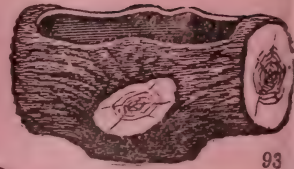
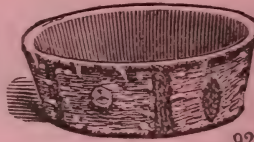
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PLANT SPRINKLER.



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PUTTY BULB.



TWO-SHELF STAND

ONE-POT BRACKET.

TWO-POT BRACKET

FLOWER POT SAUCERS.



## FLOWER SEEDS.

### KEY TO CULTURE.

**A. Sow for succession from April to June for summer and autumn blooming. Prepare the ground thoroughly by digging, adding a good supply of leaf mould or well rotted manure, making the surface fine and smooth.**

**B.** Sow in gentle heat, in a well drained pot or pan of light soil. Sow thinly and cover lightly with a fine sandy soil. Shade from bright sunshine, and water when necessary through a fine rose watering pot. Transplant to open ground when all danger from frost is over. The seed may also be sown in a cold frame in April, or open border in the latter part of May, but will not flower so early. Transplant or thin out before the plant gets too large.

**C.** Sow from April to June, or in August, in a well prepared bed of light soil, covering the seed lightly. Keep clear of weeds, and thin out the plants, if too thick, sufficiently early to allow them to develop their growth.

**D.** Sow in spring in a well drained pot or well prepared hotbed of light, peaty or sandy soil. Place in a moderately warm temperature. Shade from bright sunshine and keep moist, transplanting when ground is in proper condition, or in open ground after May 10th for late flowers.

**E.** Sow in open border in April or May, and thin out or transplant, giving each plant plenty of room.

**F.** Sow any time in a pot prepared as follows : Let the pot be one-third full of drainage or broken charcoal ; over that rough siftings of mould, and the surface with very fine soil, half of which should be composed of fine, sharp sand ; water with fine sprinkler ; scatter the seed thickly over the surface, covering very lightly : keep from direct rays of the sun. As soon as the plants show the third leaf, transplant into seed pans, three-fourths of an inch apart, giving a little air to strengthen them. When the plants begin to touch each other, they should be transplanted singly into small pots and keep them in a cool, airy part of the greenhouse near the glass. Re-pot them when necessary.

The following portion of our catalogue, devoted to Flower Seeds, we have arranged both alphabetically and in columns, to enable any one to easily refer to the price and description of any variety desired.

KEY TO COLUMNS.

The 1st column contains the name of the flower.

The 2d " " hardness and duration.

The 3d " " height in feet.

The 4th	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“
The 4th	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“
The 4th	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“
The 4th	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“	“
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The 4th	“	“	“	“	“	“	“	“	“	“	“	“	“														

The 5th column contains culture.

The 6th      "      "      price per packet.

The 7th " " general observations.

### KEY TO ABBREVIATIONS.

b.,	blue.	dk.,	dark.	mve.,	mauve.	spot.,	spotted.
bld.,	blood.	dp.,	deep.	mx'd.,	mixed.	stri.,	striped.
blk.,	black.	gr.,	green.	or.,	orange.	sul.,	sulphur.
br.,	brown.	lav.,	lavender.	pur.,	purple.	vr.,	variegated.
bff.,	buff.	lf.,	leaf.	rose.	rose.	ver.,	vermillion.
car.,	carmine.	lt.,	light.	rd.,	red.	wh't.,	white.
cr.,	crimson.	mar.,	maroon.	scar.,	scarlet.	yel.,	yellow.

#### HARDINESS AND DURATION.

A.—Annual, lasting one year.

B.—Biennial, lasting two years.

P.—Perennial, lasting three or more years.

ev., evergreen.

g., greenhouse.

h. h., half hardy.

h., hardy.

sh., shrub.





NAME.	Hardness and Duration.	Height Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Aster, Truffaut's La Superbe.....	hA	2	pure wht.	D	10	Aster. No lover of these flowers can find anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging $4\frac{1}{2}$ inches in diameter, and in delicacy of tints are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together.
“ Dwarf Chrysanthemum.....	“	1	mixed.	“	15	
“ Large Rose-flowered.....	“	$2\frac{1}{2}$	“	“	15	
“ Cocardeau or Crown (w. centre).....	“	2	various.	“	20	
“ New Washington, white.....	“	2	white.	“	5	
“ Perennial, fine mixed.....	“	“	mixed.	“	“	
Avena sterilis.....	hA	2	“	C	5	Avena.—Animated Oats.
Balloon Vine.....	hhA	5	white.	B	5	Balloon Vine.—Love-in-a-puff; climbing plant for house or garden.
Balsam, Double Extra.....	hA	$1\frac{1}{2}$	mixed.	B	10	Balsams.—Our balsams have been selected with great care and we feel certain that they will please our customers. The Double Rose-flowered White Balsam is of unequalled purity and in great demand among florists. The Double Victoria White Scarlet Spotted is very delicate in color and will become a great favorite.
“ Double Rose flowered.....	“	2	white.	“	10	
“ Double Rose flowered, white.....	“	2	white.	“	10	
“ Double Camellia flowered.....	hA	2	mixed.	“	10	
“ New Carnation-striped.....	“	2	“	“	10	
“ Double Solferino.....	“	2	w., spt., str	“	10	The Double Victoria White Scarlet Spotted is very delicate in color and will become a great favorite.
“ Victor.....	“	2	w., sc. sp.	“	10	
Bartonia aurea.....	hA	1	yellow.	E	5	Bean.—Climbers, bearing clusters of dazzling scarlet, and pure white flowers.
Bean, Scarlet Runner.....	“	15	scarlet.	A	5	Bellis.—Double Daisy.—Very handsome spring flowering plant.
“ White.....	“	15	white.	“	5	
Bellis Perennis, fl. pl.....	hP	$\frac{1}{4}$	mixed.	C	5	Brachycome.—Swan River Daisy.
Brachycome iberidifolia.....	hhA	1	mixed.	D	5	Briza.—Quaking Grass.
Briza compacta.....	hA	1	“	A	5	Bromus.—Ornamental Grass for winter bouquets.
“ maxima.....	“	1	“	“	5	
Bromus brizæ formis.....	hP	1	“	C	5	Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets.
Browallia elata.....	hhA	$1\frac{1}{2}$	mixed.	D	5	Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white.
Bryonopsis laciniosa erythiocarpa.....	hhA	5	red	D	10	
Cacalia coccinea.....	hA	$1\frac{1}{2}$	scarlet.	E	5	Cacalia.—Tassel Flower.
Calampelis scabra.....	hhA	8	orange.	D	5	Calampelis.—A good climber, flower tube shaped.
Calandrina discolor.....	hA	1	rose.	E	5	Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections.
“ grandiflora.....	“	1	rosy pink.	“	5	
“ umbellata.....	“	$\frac{1}{4}$	crim.violet	“	5	Calendula.—Cape Marigold.
Calceolaria hybrida, large flowered.....	gP	2	mixed.	F	25	
“ James' Prize splendid.....	“	1	“	“	25	Calendula Off. Meteor.
Calendula pluvialis.....	hA	1	w.b. und' th	A	5	California Poppy.—See Eschscholtzia.
Calendula Officialis “Meteor”.....	“	“	lt. orange.	“	10	Calliopsis.—Very showy and continues to bloom a long time.
California Poppy.....	“	“	“	“	“	C. Drummondii is admirably adapted for borders.
Calliopsis Drummondii.....	hA	$1\frac{1}{2}$	pur. & yel.	“	5	
“ bicolor nana.....	“	$1\frac{1}{2}$	mixed.	“	5	Callirrhoe.—Profuse bloomer, continuing throughout the season.
Callirrhoe pedata nana.....	“	2	mixed.	“	5	Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum,
Campanula medium, single.....	hP	2	“	C	5	Canary Bird Vine.—See Tropæolum canariense.
“ speculum.....	hA	$\frac{1}{2}$	mixed.	“	5	
Canary Bird Vine.....	hhA	10	yellow.	D	10	Candytuft.—See Iberis.
Candytuft.....	“	“	“	E	5	Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants.
Canna, Finest mixed.....	hhP	“	mixed.	D	5	
“ Nigricans.....	“	“	red.	“	10	
“ Zebrina.....	“	“	scarlet.	“	10	
Canterbury Bell.....	“	“	“	C	5	Cardinal Flower.—See Lobelia.
Cardinal Flower.....	“	“	“	B	5	Cardiospermum.—See Baloon Vine.
Cardiospermum Halicacabum.....	hhA	5	white.	“	5	Carnation.—See Dianthus.
Carnation.....	“	“	“	A	5	Castor Oil Bean.—See Ricinus.
Castor Oil Bean.....	“	“	“	D	5	Catchfly.—See Silene.
Catchfly.....	“	“	“	E	“	

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Celosia, cristata nana</i> .....	hhA	1	crimson.	B	5	<i>Celosia</i> .—Cockscomb, showy plant, producing large combs of crimson or yellow flowers.
“ feathered.....	“	1	mixed.	E	5	
“ japonica.....	“	2	scarlet.	E	10	<i>Centaurea</i> .—Dusty Miller; silver leaved foliage plants, extensively used in borders and bedding. Pick the buds off as they appear. They should not be allowed to flower if a thick mass of foliage is desired. <i>C. moschata</i> .—Sweet Sultan. <i>C. cyanus</i> .—Batchelor's Button.
<i>Centaurea candidissima</i> .....	hhP	1	silver fol.	E	15	
“ gymnocarpa.....	“	1½	“	E	15	
“ moschata.....	hA	2	blue.	E	5	
“ cyanus.....	“	2	mixed.	E	5	<i>Chamæpuece casabonæ</i> .—Handsome thistle-like foliage plants with dark green leaves, veined with white.
<i>Centranthus macrosiphon</i> .....	“	1½	red	E	5	
<i>Chamæpuece casabonæ</i> .....	hhP	1	orn. fol.	D	10	<i>Chrysanthemum</i> .—Free blooming flowers lasting late in the season, long after many other flowers are faded.
<i>Chrysanthemum, carinatum album</i> .....	hA	..	white.	F	5	
“ idicum pompone, d'l fl'd.....	hhP	2	dbl. white.	“	10	<i>C. idicum pompone</i> is very double, pure white and a constant bloomer; excellent for cut flowers.
<i>Cineraria hybrida choice mixed</i> .....	gP	2	various.	“	25	
<i>Clarkia, best mixed</i> .....	hA	1½	mixed.	E	5	<i>Clematis</i> .—Fine climbing vines.
<i>Clematis, fine mixed</i> .....	hP	10	“	C	10	
<i>Clianthus Dampieri</i> .....	A	2	sc. & blk.	A	25	<i>Clianthus</i> .—Should be started early in order to prove most successful. Flowers dazzling scarlet and black.
<i>Cobæa scandens</i> .....	hhA	20	purple.	B	10	
<i>Coccinia Indica</i> .....	hhP	6	red.	C	10	<i>Cobæa</i> .—To attain full growth should be started in pots. Very rapid climber.
<i>Cockscomb</i> .....	“	“	“	B	10	
<i>Coix lacryma</i> .....	hA	1½	“	A	5	<i>Coccinia</i> .—Gourd family. Fruit scarlet.
<i>Collinsia</i> .....	“	1½	mixed.	E	5	
<i>Columbine</i> .....	“	“	“	C	“	<i>Coix</i> .—Job's Tears.
<i>Convolvulus major</i> .....	hhA	10	finestmix'd	E	5	
“ tricolor minor.....	“	1	“	D	5	<i>Collinsia</i> .—Purple, blue and white flowers; very pretty.
“ Mauritanicus.....	hP	“	blue.	C	10	
<i>Coreopsis</i> .....	hA	1	lilac & w.	E	“	<i>Columbine</i> .—See <i>Aquilegia</i> .
<i>Cosmanthus fimbriatus</i> .....	“	2	cr., br. & yel	“	5	
<i>Cosmidium Burridgeanum</i> .....	“	2	“	“	5	<i>Convolvulus Major</i> .—Morning Glory, tall; C. Minor, Morning Glory, dwarf.
<i>Cucumis</i> .....	hhA	6	fine mixed.	B	5	
“ flexuosus.....	“	“	“	E	10	<i>C. Mauritanicus</i> for hanging baskets.
“ dipsaceus, teasel-formed.....	“	“	“	E	10	
<i>Cucurbita</i> .....	hhA	6	fine mixed.	E	10	<i>Coreopsis</i> .—See <i>Calliopsis</i> .
“ leucantha depressa.....	“	“	“	E	10	
“ longissima.....	hhP	½	fine mixed.	B	50	<i>Cosmanthus</i> .—Flowers fringed and pretty, plant spreading.
<i>Cyclamen persicum</i> .....	“	“	“	“	5	
<i>Cypress Vine</i> .....	hhP	“	finestmix'd	E	5	<i>Cosmidium</i> .—Flowers large and showy, similar to <i>Coreopsis</i> .
“ single.....	hA	“	“	E	10	
<i>Daisy, double</i> .....	hA	3	mixed.	C	5	<i>Cucumis</i> .—Ornamental Cucumber. <i>C. flexuosus</i> .—Snake Cucumber, bearing fruit three feet long. <i>C. dipsaceus</i> .—Teasel-formed.
<i>Datura fastuosa, finest double</i> .....	“	“	“	E	10	
<i>Delphinium (Larkspur)</i> .....	hA	1½	“	C	“	<i>Cucurbita</i> .—Ornamental Gourd. <i>C. leucantha depressa</i> .—Green Fruit. <i>C. longissima</i> .—Curious fruit five feet long.
“ double, dwarf rocket.....	“	2	“	“	5	
“ double branching.....	hP	3-4	scarlet.	“	5	<i>Cyclamen</i> .—Green house plants, very handsome bloomers.
“ Perennial sorts.....	“	1½	mixed.	“	5	
“ nudicaule.....	“	5	blue&whit.	C	5	<i>Cypress Vine</i> .—See <i>Ipomæa Quamoclit</i> .
“ elatum.....	“	2	“	“	5	
“ formosum.....	“	2	“	“	5	<i>Dahlia</i> .—Saved from the largest flowering and most double sorts.
<i>Devil-in-a-bush</i> .....	“	“	“	A	5	
<i>Diamond Plant</i> .....	“	“	“	B	5	<i>Daisy</i> .—See <i>Bellis</i> .
<i>Dianthus, Pink</i> .....	“	“	“	C	“	
“ barbatus, single.....	hP	1½	“	“	5	<i>Delphinium cashmerianum</i> .
“ double.....	“	1½	“	“	5	
“ Caryophyllus (Carnation).....	hhP	2	finestmix'd	F	25	<i>D. Giant Hyacinth fl'd</i> .
“ Clove Pink.....	“	2	“	“	25	
“ picotée.....	“	2	“	“	25	<i>D. nudicaule</i> .—The finest perennial Larkspur, of dwarf compact growth, with abundant brilliant scarlet flowers.
“ perpetual or tree.....	“	2	“	“	25	
“ grenadin.....	“	2	bril. scar.	“	15	<i>Delphinium</i> .—The seed of the perennial sorts should be sown in spring; the plants will then become strong by fall and flower the following summer.



NAME.	Hardness and Duration	Height. Feet	Color of Flower	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Dianthus, chinensis fl. pl.....	hA	1	mixed.	D	5	of charming double flowers of brilliant scarlet. Being of dwarf and compact habit it is excellent for borders or masses."
" Imperial.....	"	1	"	"	10	"
" Heddwigi, double.....	"	1	finestmix'd	"	10	"
" " laciniatus.....	"	1	"	"	10	"
Digitalis, Foxglove, lutea.....	hP	3	mixed.	C	5	Digitalis, Foxglove.—Stately and ornamental growing plants; succeeding well in half shady places.
Dolichos Lablab.....	"	"	mixed.	A	"	Dolichos.—Panic climbing plant, with large clusters of handsome flowers, producing, later in the season, in place of the flowers, pods of a deep purple color; very ornamental.
" Hyacinth Bean.....	hA	10	"	"	5	"
Elichrysium monstrosum.....	hhA	2	mixed.	B	5	Elichrysium.—Everlasting or Eternal Flowers. Should be cut before the flowers are fully expanded and dried in the shade, if desired to be saved for winter bouquets.
Eragrostis elegans.....	"	2	"	B	5	Eragrostis.—Love Grass, for dried bouquets.
Erysimum Arkansanum.....	hA	1	yellow.	A	5	Erysimum.—Showy annuals for borders or masses.
" Peroffskianum.....	"	1½	orange.	"	5	"
Erianthus Ravennæ.....	hP	10	"	C	10	Erianthus.—A superb grass, resembling Pampas grass.
Eschscholtzia californica.....	hA	1	yellow.	E	5	Eschscholtzia.—California Poppy.
Eucharidium grandiflorum.....	"	1	mixed.	"	5	Eucharidium.—Pretty flowering annuals similar to Clarkia.
" " white.....	"	2	white.	"	5	"
Euphorbia variegata.....	"	2	"	E	5	Euphorbia.—Variegated foliage.
Fenzlia dianthiflora.....	"	¾	rosy lilac.	"	10	Fenzlia.—Splendid dwarf growing plant, suitable for small vases or pots, rustic work or windows. Remains in bloom a long time.
Feverfew.....	"	"	"	E	"	Feverfew.—See Matricaria.
Forget-me-not.....	"	"	"	D	"	Forget-me-not.—See Myosotis.
Four o'clock.....	"	"	"	A	"	Four o'clock.—See Mirabilis.
Foxglove.....	"	"	"	C	"	Foxglove.—See Digitalis.
Gaillardia picta.....	hhA	1½	yellow.	A	"	Gaillardia.—Very showy flowering plants, adapted for bedding, also charming for pot plants.
" ".....	"	1½	mixed.	"	5	"
Gilia.....	hA	1	finestmix'd	A	5	Gilia.—See Ten Weeks Stock.
Gilly Flower.....	"	"	"	E	"	Gilly Flower.—See Ten Weeks Stock.
Globe Amaranthus.....	"	"	"	"	"	Globe Amaranthus.—See Gomphrena.
Gloxinia French hybrida, saved from choicest flowers.....	"	1	mixed.	F	50	Gloxinia.—Stove house plants of great beauty.
Godetia rubicunda.....	hA	1½	rose.	A	5	Godetia.—Excellent free blooming plants, very desirable for beds, borders and ribbons.
" finest mixed.....	"	1½	mixed.	"	5	"
Golden Eternal Flower.....	"	"	"	A	"	Golden Eternal Flower.—See Elichrysium.
Gomphrena globosa.....	"	"	"	D	"	Gomphrena.—Very handsome everlasting flowers. Should be cut when fully grown and hung up to dry in a dark dry place. Extensively used in Christmas Evergreen Wreaths.
" " mixed.....	hhA	2	mixed.	"	5	"
Golden Feather.....	"	"	"	A	"	Golden Feather.—See Pyrethrum.
Gourds.....	hhA	15	mixed.	E	5	Gourds.—Ornamental climbing plants, producing fruit of the most singular forms and colors; very desirable for trellises, screens or arbors.
Gynierium argenteum.....	hhP	12	silver.	F	5	Gynierium.—Pampas Grass.
Gypsophila elegans.....	hA	1½	white.	E	5	Gypsophila.—Fine airy flowers, suitable for bouquets; very nice for growing in masses.
Heartsease.....	"	"	"	B	"	Heartsease.—See Viola tricolor maxima.
Helianthus macrophyllus giganteus.....	hA	10	yellow.	E	5	Helianthus.—Sunflower. Tall growing plants with immense yellow flowers.
" californicus double.....	"	6	orange.	"	5	"
" globosus fistulosus, fl. pl.....	"	4	saf. color.	"	5	Helianthus globosus fistulosus fl. pl.—Flowers very large and double.
" nanus plena.....	"	2	dbl. yellow.	"	5	"
Heliotropium, dark varieties.....	hhP	2	mixed.	F	10	Heliotropium.—Heliotrope.
Hibiscus africanus.....	hA	1½	sul & black.	"	"	Hibiscus.—Commonly named African Rose.
Hollyhock, best double.....	hP	6	mixed.	H	10	Hollyhock.—Saved from the best double sorts of the finest strains.
" Chateaus d'ble extra fine.....	"	6	"	"	10	"
Honesty.....	"	"	"	"	"	Honesty.—See Lunaria.
Hyacinth Bean.....	"	"	"	"	"	Hyacinth Bean.—See Dolichos.
Iberis (Candytuft).....	hA	1	mixed.	"	"	Iberis.—One of the best of annuals; excellent for growing in masses, edgings, borders, rockeries and rustic work.
" coronaria white rocket.....	"	1	white.	"	"	"
" umbellata.....	"	1	"	"	"	"
" purpurea (Dunnett's).....	"	1	dark crim.	"	5	I. sempervirens, or perennial Candytuft.

Beautify your lawn by using our seeds and dressing.

NAME	Hardness and Duration	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Iberis lilacina</i> .....	hA	1	deep pur.	5	is perfectly hardy, flowering very early in the spring.
" <i>sempervirens</i> .....	hP	1	white.	5	
" <i>pectinata odorata</i> .....	hA	1	"	5	
Ice Plant.....	..	..	..	..	Ice Plant.—See <i>Mesembryanthemum</i> .
Indian Shot.....	..	..	..	..	Indian Shot.—See <i>Canna</i> .
<i>Ipomæa bona nox</i> .....	hhA	10	white.	5	<i>Ipomæa bona nox</i> .—Evening Glory.
" <i>coccinea</i> .....	"	10	scarlet.	5	<i>I. coccinea</i> .—Star <i>Ipomæa</i> . <i>I. grandiflora</i> .—Variegated Morning Glory.
" <i>marmorata grandiflora</i> .....	"	10	variegated	5	<i>I. quamoclit</i> .—Cypress Vine. An elegant and exceedingly graceful, fine foliaged climber, with star-like blossoms of various colors. The seed should be sown the last of May in a warm, sunny location.
" <i>quamoclit</i> (Cypress Vine).....	"	10	mixed.	5	
<i>Jacobæa</i> .....	..	..	..	..	<i>Jacobæa</i> .—See <i>Senecio</i> .
Job's Tears.....	..	..	..	..	Job's Tears.—See <i>Coix lacryma</i> .
Lady's Slipper.....	..	..	..	..	Lady's Slipper.—See <i>Calceolaria</i> and <i>Balsam</i> .
<i>Lantana, hybrida finest</i> .....	hhP	2	mixed.	10	Larkspur.—See <i>Delphinium</i> .
Larkspur.....	..	..	..	..	
<i>Lathyrus odoratus</i> (Sweet Pea).....	hA	5	mixed.	5	
" <i>Painted Lady</i> .....	"	5	rose & wh.	5	Lathyrus.—Sweet Pea. Fragrant and profuse flowering climbing plants continuing in blossom throughout the season. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Sow the seed in rows and support the vines with brush, or with strong twine fastened to stakes set among the plants. Our seed is saved only from the very finest sorts cultivated, and are true to name.
" <i>Everlasting Pea</i> .....	hP	5	..	5	
" <i>white</i> .....	"	5	..	5	
<i>Lavender</i> .....	..	..	..	..	<i>Lavender</i> .—See <i>Lavendula</i> .
<i>Lavendula</i> .....	hP	2	violet.	5	<i>Lavendula</i> .—Well-known old-fashioned flower, highly prized for its peculiar odor.
<i>Leptosiphon hybridus, French</i> .....	hA	¾	various.	10	<i>Leptosiphon</i> .—Very pretty for ribbon beds and borders; colors blue, white, lilac, sulphur, purple and orange.
<i>Linaria cymbalaria</i> .....	hP	..	lavender.	10	<i>Linaria</i> .—Kentworth or Coliseum Ivy.
" <i>Finest mixed</i> .....	hA	1	mixed.	5	
<i>Linum grandiflorum rubrum</i> .....	hP	1	splen. scar.	5	
<i>Loasa hispida</i> .....	hA	..	golden yel.	5	<i>Loasa</i> .—Climbers, with curious flowers.
" <i>tricolor</i> .....	"	..	yel. shaded	5	
<i>Lobelia cardinalis Queen Victoria</i> .....	hP	2	scarlet.	5	
" <i>erinus gracilis</i> .....	hA	1 ½	dark blue.	5	<i>Lobelia cardinalis</i> .—Cardinal Flower. With darkest leaves, very beautiful. <i>L. speciosa</i> .—One of the most effective varieties for bedding. <i>L. erecta</i> .—Excellent for edgings and ribbon, or carpet-bedding; very fine and compact.
" <i>speciosa Crystal Palace</i> .....	"	1 ½	"	5	
" <i>erecta</i> .....	"	1 ½	..	10	
<i>Lophospermum scandens</i> .....	hhA	10	mixed.	15	<i>Lophospermum</i> .—Beautiful climbing plant, with very large trumpet-shaped flowers.
Love-in-a-mist.....	..	..	..	..	Love-in-a-mist.—See <i>Nigella hispanica</i> .
Love-in-a-puff.....	..	..	..	..	Love-in-a-puff.—See <i>Balloon Vine</i> .
Love-lies-bleeding.....	..	..	..	..	Love-lies-bleeding.—See <i>Amaranthus caudatus</i> .
<i>Lunaria annua</i> .....	hB	2	purple.	5	<i>Lunaria</i> .—Honesty.
<i>Lupinus finest annual sorts mixed</i> .....	hA	2	mixed.	5	
	..	..	..	..	
<i>Lychnis Haageana Fine Hybrid</i> .....	hP	1	scarlet.	5	<i>Lychnis</i> .—Ragged Robin.
Maize Japanese.....	hA	4	striped leaf	5	
<i>Malope grandiflora</i> .....	"	1 ½	mixed.	5	
Marigolds.....	..	..	..	..	Maize.—Striped Japanese Corn. Very ornamental.
<i>Martynia fragrans</i> .....	hhA	1 ½	crimson.	5	Marigolds.—See <i>Tagetes</i> .
Marvel of Peru.....	hhP	1	white.	5	
<i>Matricaria capensis fl. pl.</i> .....	hhP	1	white.	5	
<i>Maurandia Barclayana</i> .....	hhP	10	..	10	Marvel of Peru.—See <i>Mirabilis</i> .
" <i>finest colors</i> .....	"	10	mixed.	10	
<i>Mesembryanthemum, crystallinum</i> .....	hA	1 ½	white.	5	
<i>Mignonette</i> .....	..	..	..	..	<i>Mesembryanthemum</i> .—Ice Plant. Diamond Plant.
<i>Mimosa pudica</i> .....	hhA	2	pink. wht.	5	<i>Mignonette</i> .—See <i>Reseda</i> .
<i>Mimulus cardinalis</i> .....	hhP	1	scarlet.	5	
" <i>tigrinus</i> .....	"	1	spotted.	10	

See our self-closing plant support.



NAME.	Hardness and Duration	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Mimulus moschatus.....	hhP	½	yellow.	10	They like a damp, shady situation. <b>M. moschatus.</b> —Musk Plant.
Mirabilis Jalapa.....	"	2	finestmix'd	5	<b>Mirabilis.</b> —Marvel of Peru; Four o'clock.
Momordica balsamina.....	hhA	10	yellow.	5	<b>Momordica.</b> —Balsam Apple; trailing plants; fruit ornamental, yellow outside, when ripe, bursting open, showing its brilliant carmine interior.
Monkey Flower.....	"	"	"	10	<b>Monkey Flower.</b> —See Mimulus.
Morning Glory.....	"	"	"	5	<b>Morning Glory.</b> —See Convolvulus major.
Mourning Bride.....	"	"	"	5	<b>Mourning Bride.</b> —See Scabiosa.
Mukia scabrella.....	A	10	sc. fruit.	10	<b>Mukia.</b> —Handsome Climber, with scarlet berries.
Musk Plant.....	"	"	"	10	<b>Musk Plant.</b> —See Mimulus.
Myosotis alpestris cerulea.....	hP	¾	blue.	10	<b>Myosotis.</b> —Forget-me-not; thrives best in moist and shady situations.
" azorica.....	hhP	½	dark blue.	5	
" palustris.....	hP	½	blue.	10	
Myrsiphyllum asparagoides.....	gP	10	foliage orn.	20	<b>Myrsiphyllum.</b> —Smilax; very graceful climber. Valuable for cutting for bouquets and decorations.
Nasturtium.....	"	"	"	10	<b>Nasturtium.</b> —See Tropæolum.
Nemesia.....	hA	1	mixed.	10	<b>Nemesia.</b> —Compact growing and immensely profuse flowering.
Nemophilla insignis.....	"	1	mixed.	5	<b>Nemophilla.</b> —Very pleasing whether arranged in masses, ribbons or borders; of very compact growth and free flowering.
Nicotiana atropurpurea grand.....	hhA	8	purple.	10	<b>Nicotiana tabacum fol. var.</b> —New, striped leaves.
" tabacum fol. var.....	"	8	str. leaf.	10	
Nigella damascena, fl. pl.....	hA	1½	dark blue.	5	<b>Nigella.</b> —Devil-in-a-bush. <b>N. hispanica.</b> —Love-in-a-mist.
" hispanica.....	"	1½	purple.	5	
Nolana atriplicifolia.....	"	1½	mixed.	5	<b>Nolana.</b> —Trailing plants; very useful for rustic work, hanging baskets and rockeries.
Nun's Whipping Post.....	"	"	"	10	<b>Nun's Whipping Post.</b> — <i>Amaranthus melancholicus.</i>
Oenothera grandiflora Lamarckiana.....	hP	3	yellow.	5	<b>Oenothera.</b> —Evening primrose; large flowers three to four inches in diameter.
Pansy.....	"	"	"	10	<b>Pansy.</b> —See Viola tricolor.
Papaver carnation double.....	hA	2	mixed.	5	<b>Papaver.</b> —Poppy; brilliant flowers, large and showy.
Peas, Sweet.....	"	"	"	10	<b>Peas, Sweet.</b> —See Lathyrus odoratus.
Pentstemon hybridus.....	hP	2	mixed.	25	<b>Pentstemon.</b> —Herbaceous plants; start in hot-bed, in shape the flowers resemble the Gloxinia, and are of great beauty.
Perilla nankinensis.....	hhA	2	foliage orn.	5	<b>Perilla.</b> —Invaluable for contrasting with silver-leaved bedding plants; bronzy purple.
Petunia grandiflora Kermesina.....	hhP	2	crimson.	25	<b>Petunia grand. kermesina.</b> —With white throat; very large. <b>P. grand. maculata.</b> —Large flowering; blotched. <b>P. grand. purpurea.</b> —Fine dark varieties; splendid. <b>P. splendid single.</b> —Saved from the choicest flowers; very large. <b>P. extra fine.</b> —Double.—The seed of this strain has been obtained from the most perfect double blooms only.
" maculata Inimitable.....	"	2	blotched.	25	
" purpurea.....	"	2	purple.	25	
" splendid single.....	"	2	mixed.	25	
" extra fine, double.....	"	2	"	50	
" fimbriata, splendid mixture.....	"	"	"	50	
Petunia hybrida, extra fine.....	hhP	2	mixed.	10	<b>Petunia grand. fimbriata, splendid mixture, fringed varieties.</b>
" grandiflora fimbriata, fl. pl., splendid mixture.....	"	2	mixed.	10	<b>Petunia grand. fimbriata, double splendid mixture.</b>
Petunia hybrida, first quality.....	"	2	"	10	<b>Petunia n. compacta multiflora.</b>
" nana, compacta multiflora.....	"	"	"	10	
" nyctaginiflora.....	hhP	2	white.	5	<b>Petunia n. compacta multiflora.</b>
Phlox Drummondii.....	hA	1	finestmix'd	5	<b>Phlox.</b> —Excellent for bedding in masses or for borders, flowering in great profusion.
" alba.....	"	1	white.	5	<b>Alba aculata.</b> —White, with purple eye.
" alba aculata.....	"	1	wht. & pur.	5	<b>Atropurpurea.</b> —Black warrior, deep blood purple. <b>Coccinea.</b> —Brilliant scarlet.— <b>Leopoldi.</b> —Bright rose, white eye.
" coccinea.....	"	1	scarlet.	5	<b>Radowitzki.</b> —Rose striped. <b>Queen Victoria.</b> —Blue, white eye.
" Radowitzki.....	"	1	rosetriped	5	
" Leopoldi.....	"	1	rose & wht	5	
" Queen Victoria.....	"	1	blue & wht.	5	
Poppy.....	"	"	"	10	<b>Poppy.</b> —See Papaver.
Poor Man's Weather Glass.....	"	"	"	10	<b>Poor Man's Weather Glass.</b> —See Anagallis.
Portulaca finest single.....	hA	1½	mixed.	5	<b>Portulaca.</b> —Beautiful showy annuals, blooming all summer long, delightful in a sunny situation. Most desirable for exposed lawn borders and masses. Excellent for rockeries—the double varieties are unsurpassed for brilliancy of color. It is noticeable that a bed of Portulacas will
" grandiflora d'ble, ex. qual.....	"	1½	"	15	

Good seeds and fertilizers make beautiful lawns. We have both.

NAME	Hardness and Duration	Height, Feet	Color of Flower	Per Pkt.	GENERAL OBSERVATIONS.
Portulaca.....	.....	.....	.....	.....	seed itself for a number of years in succession, being naturally adapted to our climate.
Primula sinensis.....	hhP	¾	mixed.	25	Primula.—Should be sown in under glass in February and March, although many follow the English custom of sowing in July and August, but which proves to be less successful in this country. Our seed is raised by the most renowned growers in England, and have always given the best satisfaction.
“ “ fimbriata.....	“	¾	“	50	
Pyrethrum parthenifolium aurea.....	hP	1	foliage yel.	10	Pyrethrum.—Golden Feather, or Feverfew. P. fol. lac.—Splendid acquisition
“ “ Golden Feather.....	“	“	“	“	with elegant lacinated foliage.
“ “ parth. aurea fol. laciniatis.....	hP	1	foliage yel.	20	Quaking Grass.—See Briza.
Quaking Grass.....	“	“	“	“	Ragged Robin.—See Lychnis.
Ragged Robin.....	“	“	“	“	Reseda.—Mignonette Sweet. R. ameliorata is a large flowered variety and of pyramidal growth, esteemed very highly.
Reseda odorata.....	hA	1	buff.	5	Miles' New Spiral very profuse flowering, bearing flowers in spiral spikes from 8 to 15 inches in length and delightfully odorous.
“ “ ameliorata.....	“	“	red.	5	
“ “ Golden Queen.....	“	“	yellow.	10	
“ “ Miles' New Spiral.....	hA	1½	buff.	10	
“ “ gigantea pyramidalis.....	“	2	“	10	
“ “ Parson's New White.....	“	1½	white.	10	
Rhodanthe maculata.....	hhA	1	crimson.	10	
“ “ alba.....	“	1	white.	10	
Ricinus borboniensis arboreus.....	“	15	orn. fol.	5	Ricinus.—Castor Oil Bean. A robust, stately growing, ornamental foliage plant, whose immense leaves render it an object of universal admiration. Excellent for centre plants in large beds where a subtropical effect is desired.
“ “ giganteus glaucus.....	“	10	“	5	Rose Campeon.—See Agrostemma.
“ “ Gibsoni.....	“	8	“	5	Rose of Heaven.—See Viscaria.
“ “ sanguineus (Obermanni).....	“	10	“	5	Rose of Sharon.—See Hibiscus.
“ “ species from the Philippines.....	“	10	“	5	Salpiglossis.—Highly ornamental; flowers are funnel-shaped, and beautifully and curiously marbled and penciled.
“ “ dwarf rose.....	“	4	“	5	Salvia.—Brilliant and exceedingly useful for back-ground bedding purposes. S. splendens is truly magnificent, being literally covered with gorgeous scarlet blossoms, and remaining in bloom very late.
Rose Campeon.....	“	“	“	5	Sanvitalia.—Flowers bright yellow and very double.
Rose of Heaven.....	“	“	“	5	Saponaria.—Immensely profuse blooming annuals, producing masses of minute cross-shaped rose and white flowers.
Rose of Sharon.....	“	“	“	5	Scabiosa.—Mourning Bride, or Sweet Scabiosa. S. atro. cand.—Excellent for cutting for bouquets.
Salpiglossis variabilis, fine mixed.....	hhA	2	mixed.	5	Sedum.—Stone crop.
Salvia coccinea splendens.....	hhA	2	scarlet.	10	Senecio.—Jacobæa.
“ splendens.....	hhP	3	“	25	Sensitive Plant.—See Mimosa.
“ patens.....	“	2½	blue.	25	Silene.—Catch-fly.—Dwarf compact growing edging plants, literally covered with blossoms.
“ argentea.....	hhA	“	silver.	25	Smilax.—See Myrsiphyllum.
Sanvitalia procumbens, fl. pl.....	hA	½	yellow.	5	Snapdragon.—See Antirrhinum.
Saponaria.....	“	½	mixed.	10	Solanum capsicatum.—Jerusalem Cherry.
Scabiosa atropurpurea major.....	hA	2	fine mixed.	10	Statice.—Purple and yellow flowers, remaining a long time in a good condition after being cut; valuable for winter bouquets.
“ atro. candidissima.....	“	1	pure white.	10	Stipa.—Feather Grass.
“ minor, fl. pl.....	“	1	fine mixed.	10	Stocks, Ten Weeks, or Gilliflower.—This is one of the most popular flowers cultivated whether for borders, masses, hanging baskets or pot culture. Its bright colors and spicy fragrance render it an object of universal admiration.
Schizanthus, finest.....	hA	1	mixed.	5	Double Dwarf; have very compact spikes of flowers and throw out many side shoots. The Large-Flowered are very similar, only the flowers are larger.
Sedum coeruleum.....	“	¼	blue.	10	
Senecio double.....	“	1	finestmix'd	10	
“ “ dwarf.....	“	½	“	10	
Sensitive Plant.....	“	“	“	5	
Silene armeria.....	hA	2	fine mixed.	5	
Smilax.....	“	“	“	“	
Snapdragon.....	“	“	“	“	
Solanum capsicatum.....	hhP	“	sc. fruit.	10	
“ Lobell.....	“	“	“	10	
Statice sinuata hybrida.....	hP	1	mixed.	5	
Stipa pennata.....	hP	2	“	5	
Stocks, ten weeks (Mathiola).....	“	“	“	“	
“ double dwarf German.....	hhA	1½	mixed.	5	
“ “ “ large flowering.....	“	1	pure white.	10	
“ “ “ “.....	“	1	purple.	10	
“ “ “ “.....	“	1	dark crim.	10	
“ “ “ “.....	“	1	scarlet.	10	
“ “ “ “.....	“	1	canary yel.	10	
“ large flow'ing pyramidal dwarf.....	“	1	mixed.	10	
“ Winter, or Brompton.....	hB	2	“	10	
“ Emperor, or Perpetual.....	hhP	1½	“	10	



NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Sunflower.....	.....	.....	.....	..	Sunflower.—See Helianthus.
Swan River Daisy.....	.....	.....	.....	..	Swan River Daisy.—See Brachycome.
Sweet Alyssum.....	.....	.....	.....	..	Sweet Alyssum.—See Alyssum.
Sweet Pea.....	.....	.....	.....	..	Sweet Pea.—See Lathyrus.
Sweet Rocket.....	.....	.....	.....	..	Sweet Rocket.—See Hesperis.
Sweet Sultan.....	.....	.....	.....	..	Sweet Sultan.—See Centaurea.
Sweet William.....	.....	.....	.....	..	Sweet William.—See Dianthus.
Tagetes double African.....	hhA	2	mixed.	5	Tagetes.—Marigold; good old-fashioned
"    French.....	.....	1 ½	.....	5	flowers, very popular.
"    signita pumila.....	.....	1	br. & yel.	..	
Tassel Flower.....	.....	.....	.....	5	Tassel Flower.—See Cacia.
Thunbergia, finest.....	hA	6	mixed.	5	Thunbergia.—Rapid, free-blooming climbers,
Trifolium suaveolens.....	.....	2	.....	5	flowers buff, orange and white.
Trichosanthes coccinea.....	hhA	4	mixed.	10	Trifolium.—Sweet scented clover.
					Trichosanthes.—Small oval green and
					white marbled gourds, changing to scar-
					let, beautiful.
Tritoma uvaria.....	hP	4	orange red	10	Tritoma.—Red-hot-poker plant.
Tropæolum canariense.....	hhA	10	yellow.	10	Tropæolum Canariense.—Canary-
"    Lobianum Brilliant.....	.....	6	dark scar.	10	bird Flower; a great favorite, with pretty
"    Crown Prince of Prussia.....	.....	6	blood red.	10	yellow flowers, resembling a bird with
"    Giant des Batailles.....	.....	6	carmine.	10	wings spread; very graceful climber. T.
"    Lilli Smith.....	.....	6	crimson.	10	Lobb, are very ornamental climbers,
"    Napoleon III.....	.....	6	ver. striped	10	useful alike in the greenhouse, parlor or
"    Lucifer (very rare).....	.....	6	cri. dk. fol.	10	garden; constant bloomers. T. Majus
"    Roi des Noirs.....	.....	6	almost blk.	10	is the tall growing Nasturtium; as they
"    Spitfire.....	.....	6	bright scar.	10	serviceable for garden culture, very
"    finest varieties.....	.....	6	mix. colors.	5	withstand almost the most excessive
"    majus atropurpureum.....	.....	6	black bro n	10	drought; very free flowering, and vigor-
"    coccineum.....	.....	6	scarlet.	10	ous growing climbers. T. Tom Thumb,
"    luteum.....	.....	6	yellow.	5	are suitable to be grown in clumps, mass-
"    regelianum.....	.....	6	pur. violet.	20	es, or alone, and will produce the most
"    cæruleo roseum.....	.....	6	d. rose.	10	pleasing effect. The kinds catalogued
"    majus, finest varieties.....	hhA	6	mixed.	5	are those of most recent introduction, and
"    Tom Thumb, Carter's scarlet.....	hA	1	scarlet.	10	form an assortment of unqualified ex-
"    Crystal Palace Gem.....	.....	1	sul. col. spt.	10	cellence. Great pains have been taken
"    King of Tom Thumbs.....	.....	1	dp. scarlet.	10	to have all our varieties true to name, and
"    King Theodore.....	.....	1	very dark	10	and we recommend them very highly.
"    Pearl.....	.....	1	nearly wht.	10	
"    Ruby King (new).....	.....	1	carmine.	10	
"    luteum.....	.....	1	bright yel.	10	
"    cæruleo roseum.....	.....	1	mar. unt.	20	
Venus' Looking Glass.....	.....	.....	.....	..	Venus' Looking Glass.—See Campan-
Verbena hybrida, choice named col's.....	hhP	..	mixed.	15	ula speculum.
Veronica syriaca.....	hhA	½	blue & wht.	5	Verbena Candidissima, New.—With im-
"    fl. albo.....	.....	½	white.	5	ense trusses of flowers of the purest
Vinca rosea.....	g sh.	2	rose.	10	white; best for sale plants. V. Striata.—
"    alba.....	g sh.	2	white.	10	Italian carnation-like striped, very choice.
					Veronica.—Highly esteemed for edgings,
					rockeries, or pot plants.
Viola tricolor maxima, Pansy, finest.....	hP	½	mixed.	5	Vinca.—If sown early, in the house, will
"    "    "    very large flow'g.....	.....	½	.....	5	blossom same season; very bright shining
"    "    "    candidissima }.....	.....	.....	.....	.....	green foliage, flowers are delightfully
"    "    "    Snow Queen }.....	.....	.....	.....	.....	pleasing.
"    Emperor William.....	.....	.....	white.	20	Viola, Pansy.—Start early in March, in
"    Faust, or King of the Blacks.....	.....	.....	deep blue.	10	the house, if no greenhouse is convenient,
"    Odier, or five blotched.....	.....	.....	coal black	10	a sunny window will answer. Sow lightly
"    Gold-margined.....	.....	.....	various.	10	in fine loam, in a box or flower-pot, and
"    Violet color margined.....	.....	.....	mer. with y	15	transplant when well up. Transplant
"    White Treasure.....	.....	.....	mar. with w	15	several times before finally transplanting
"    Yellow.....	.....	.....	pure white.	15	out doors. Pinch off the first buds as
"    good quality.....	.....	.....	pure yel.	15	soon as they appear, and from early fall
"    odorata. The Czar (Violet).....	.....	.....	mixed.	5	until the ground freezes you will have
Viscaria hybrida splendens.....	hA	1-2	mixed.	5	the largest pansies possible to grow.
Waitzia grandiflora.....	hA	1	yellow.	20	Viscaria.—Flowers maroon, pink, carmine
Wall Flower.....	hhP	1 ½	mixed.	10	and rose.
Whitlavia grandiflora alba.....	hA	1 ½	white.	5	Waitzia.—Everlasting flowers; very de-
Wigandia caracasana.....	hhS	8	purple.	10	sirable for winter bouquets.
"    vigieri.....	.....	8	or. leaf.	10	Wallflower.—Cheiranthus.
					Wigandia.—Elegant, stately, ornamental
					plants.

Use our special lawn dressing and avoid foul weeds.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Xeranthemum.....	hA	2	mixed.	10	Xeranthemum—Everlasting flowers, useful for summer or winter bouquets.
Zea Japonica.....	"	6	strip'd leaf.	5	Zea Japonica—See Maize.
Zinnia elegans fl. pl. ....	Ahh	2	mixed.	5	Double Zinnia—Of real beauty and very desirable for grouping or mixed borders; flowers of carmine, white, crimson, orange and purple flowers.

### ORNAMENTAL GRASSES.

All of these varieties are exceedingly graceful, and very useful in making winter bouquets and various designs for winter decorations. Should be cut before they are entirely matured and hung up in bunches until perfectly dry.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Agrostis nebulosa.....	hA	1	.....	5	Avena—Animated Oats.
Avena sterilis.....	"	2	.....	5	Briza—Quaking Grass.
Briza compacta.....	"	1	.....	5	Coix lacrymus—Job's Tears.
" maxima.....	"	1	.....	5	Eragrostis—Love Grass.
Bromus brizaeformis.....	"	1	.....	5	Erianthus—Beautiful and very showy.
Coix lacryma.....	"	1½	.....	5	Gynierum—Pampas Grass.
Eragrostis elegans.....	"	1	.....	5	Stipa—Feather Grass.
Erianthus.....	hP	10	.....	10	Zea—Japanese Maize (striped leaves).
Gymnothrix latifolia.....	hhP	8	.....	5	
Gynierum argenteum.....	"	8	.....	5	
Stipa pennata.....	hA	1½	.....	5	
Zea Japonica.....	"	6	.....	5	

### CLIMBING VINES, ORNAMENTAL GOURDS, &c.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Abobra viridiflora.....	hhP	6	green.	5	Abobra—Ornamental Gourd, with ele- gant foliage and scarlet fruit.
Adlumia cirrhosa.....	hB	15	pink.	10	Adlumia—Mountain Fringe.
Aristolochia siphon.....	"	20	yel. & bro.	10	Aristolochia—Dutchman's Pipe.
Beans.....	hA	15	various.	5	Beans—Scarlet and White Runners.
Bryonopsis erythrocarpa.....	hhA	5	red.	10	Bryonopsis—Ornamental Gourd, striped, beautiful.
Balloon Vine.....	"	8	orange.	10	Balloon Vine.
Calampelis scabra.....	"	10	white.	5	Calampelis—Excellent for trellises.
Canary-bird-flower.....	"	10	yellow.	5	Canary-bird-flower—See Tropaeolum
Cardiospermum halicacabum.....	"	10	white.	5	cananense.
Clematis.....	hP	10	mixed.	10	Cardiospermum—Balloon Vine.
Cobaea scandens.....	hhA	20	purple.	10	Coccinea—Ornamental Gourd with scar- let fruit.
Coccinea indica.....	hhP	6	red.	10	Convolvulus—Morning Glory.
Convolvulus major.....	hhA	10	mixed.	10	Cucumis—Ornamental Cucurber.
" mauritanicus.....	hP	trail	blue.	15	Cucurbita—Ornamental Gourds, very desirable for screens.
Cucumis.....	hhA	10	mixed.	5	
Cucurbita.....	"	16	yellow.	5	
" Hercules' Club.....	hhA	16	"	5	
" Mock Orange.....	"	16	"	5	
" Powder Horn.....	"	16	"	5	
" Smallest Lemon.....	"	6	"	5	
" Gooseberry.....	"	6	"	5	
" Pear-shaped.....	"	6	"	5	
Cypress Vine.....	"	10	.....	5	Cypress Vine—Ipomoea quamoclit.
Dolichos lablab, Hyacinth Bean.....	hA	10	purple.	5	
" ".....	"	10	white.	5	
Ipomoea bona nox.....	hhA	10	"	5	Ipomoea bona nox—Evening Glory. I.
" coccinea.....	"	10	scarlet.	5	coccinea—Star Ipomoea, I. marmo.
" marmorata grandiflora.....	"	10	variegated.	5	grand—Variegated Morning Glory.
" quamoclit Cypress Vine.....	"	10	mixed.	5	I. quamoclit—Cypress Vine.

See our pages of small tools, 17, 18, 19.





## SUPPLEMENT TO FLOWER SEED LIST.

- Aquilegia Stuarti Columbine**—Flowers very large, four inches in diameter. 20 cts. per pkg.  
**Aster Comet**—Colors various with long wavy petals, full flower. 10 cents.  
**Aster, "Snowball"**—Pure white pompon shape flower, about 15 inches high. 20 cts. per pkg.  
**Aster Harlequin**—Spotted and striped double, mixed. 15 cts. per pkg.  
**Aster Mignon**—Pure white, small pompon flowers. 10 cts. per pkg.  
**Aster New Victoria**—Mixed color, tall, full flower, pyramidal shape. 10 cts.  
**Aster Ball or Jewel**—Symmetrically incurved, the bloom a perfect ball. 25 cts. per pkg.  
**Cosmos**—Large crimson, white and pink, flowers in autumn. 10 cts. per pkg.  
**Humulus, Japonicus**—Japanese Hop Vine. One of the best vines for rapid growth and ornamental appearance. 10 cts. per pkg.  
**Ipomæa Noctiflora, Moon Flower**, or Evening Glory, should be sown as early as March and transplanted as soon as season will admit.  
**Ipomopsis**—A very beautiful plant, long spikes with scarlet and orange flowers, fine foliage, quite hardy, perennial, and suitable for dry situations.  
**Lathyrus Odoratus, "Sweet Peas"**—Imported by us annually.  
     **Adonis**—Beautiful deep rose with wings almost carmine. 5 cts.  
     **Apple Blossom**—Resembles the flower of Apple blossoms very closely.  
     **The Bride**—The best earliest pure white in the market.  
     **Boreatton**—Its flowers are a rich dark chestnut color. 5 cts.  
     **Bronze Prince**—Rich chestnut color bronze maroon. 5 cts.  
     **Black**—Deep maroon and dark blue. 5 cts.  
     **Blanche Burpee**—Pure white, very large. 5 cts.  
     **Blanche Ferry**—Bright Pink and white  
     **Butterfly**—White, edged with blue.  
     **Cardinal**—Bright crimson.  
     **Countess of Radnor**—Soft lavender.  
     **Daybreak**—Watered, red and white.  
     **Dorothy Tennant**—Rosy mauve.  
     **Duchess of Edinburgh**—Light scarlet and white.  
     **Emily Eckford**—Rosy mauve changing to blue.  
     **Empress of India**—Rose standard, white wings.  
     **Emily Henderson**—Large clear white.  
     **Firefly**—Bright crimson scarlet.  
     **Grey Friar**—A light marbled mauve.  
     **Imperial blue**—Purplish blue.  
     **Indigo King**—Dark maroon purple.  
     **Isa Eckford**—Creamy white, shade of pink.  
     **Lemon Queen**—Pale blush and lemon.  
     **Light Blue and Purple**.  
     **Meteor**—Orange pink.  
     **Orange Prince**.  
     **Primrose**—Yellow.  
     **Princess May**—Soft lavender.  
     **Princess of Wales**—White, striped with blue and mauve.  
     **Stanley**—Very dark maroon.  
     **Splendor**—Bright rose.  
     **Venus**—Salmon buff.  
**Double Sweet Peas, Stanley**—Very dark maroon.  
     " " " **Duke of Clarence**—Dark Claret.  
     " " " **White**.  
     " " " **Lottie Eckford**—Creamy white.  
     " " " **Boreatton**—Dark chestnut.  
     " " " **Waverly**—Rosy claret.  
     " " " **Apple Blossom**.  
     " " " **Cap't of Blues**—Bright purple.  
**Margaret Carnation**—Rapid blooming. 15 cts. per pkg.  
**Mirabilis Longiflora or Jockey Club**—Flower very fragrant, similar to the perfume whose name it bears, pure white, blossoms from seed the first season until frost. Roots may be taken up and stored like Dahlias for the next season. 10 cts. per pkg.  
**Nicotiana Affinis**—Pure white and very fragrant, annual. 10 cts. per pkg.  
**Reseda Machet**—Thick spikes with reddish flowers. 5 cts. per pkg.

### Our Mixture of Nasturtium is the Finest in the Country.

- Nasturtium or Tropæolum, Tall**, 10 cts, per oz. **Dwarf**, 15 cts.  
**Tropæolum, Cloth of Gold**—Light foliage, dwarf, 5 cts. per pkg.  
     " **Empress of India**—Dwarf, dark leaved foliage, 5 cts.  
     " **Pricolor, (Jaratti) Grandiflora**—Dwarf, 5 cts. per pkg.  
     " **Asa Gray**—New, yellowish white, very fine. 5 cts.  
     " **Cardinal**—Dark scarlet, fine. 5 cts. per pkg.  
     " **Chalxianum**—Yellow, spotted with red, very fine. 5 cts.  
     " **Flammulum Grandiflorum**—Tall, scarlet and yellow, extra fine. 5 cts.  
**Fringed Mammoth Hollyhock**—New, magnificent, hardy and a wonderful bloomer. Pkt. 25 cts.

WILD FLOWER GARDEN, PER PACKAGE, 10 CENTS.





ASTER, Peony Flowered.



CINERARIA.



BALSAM, Camelia Flowered.



CANDYTUFT.



(IPOMEA) CYPRESS VINE.

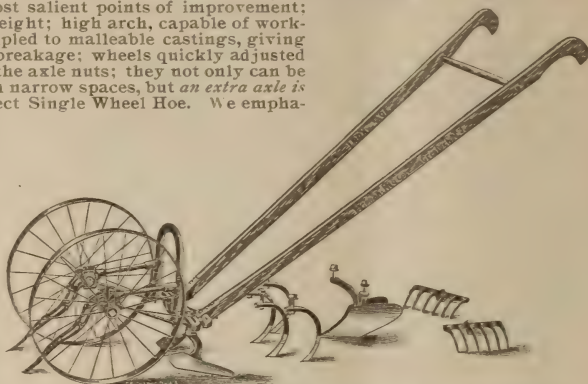
## THE IRON AGE GARDEN IMPLEMENTS

"We want higher wheels." "The tool is too heavy." "The castings break too easily." Such expressions coming from users of various wheel hoes, together with our own practical tests, convinced us that however well supplied the market may be with these tools, and though excellent they may be, there was needed further improvement in this line. Hence the "Iron Age" Wheel Hoes.

We would call attention to the most salient points of improvement: very light steel wheels, 16 inches in height; high arch, capable of working 20-inch plants; tubular frame, coupled to malleable castings, giving extremelighness with freedom from breakage; wheels quickly adjusted in height without entirely removing the axle nuts; they not only can be placed inside the frame for working in narrow spaces, but an *extra axle is sent out with each tool*, making a perfect Single Wheel Hoe. We emphasize this point strongly, as a single wheel is certainly preferable in all garden work, with the single exception of working astride the row. The vine lifters are adjustable in height, and without entirely removing the confining nut.

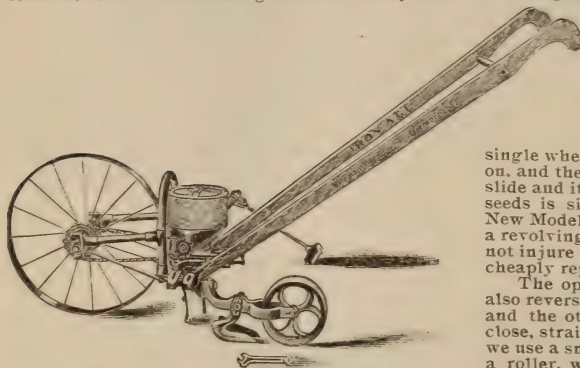
The tool is fully equipped with side hoes and plows, finely shaped and polished, while the slender steel cultivator teeth are particularly adapted for thorough and deep cultivation, even in very hard soil. A pair of rakes is also included, which do admirable work in various ways, particularly in destroying young weeds, and fining the soil preparatory to seed sowing. We do not claim these as a novelty, having been used long since under the expired Comstock patent.

□ We wish to strongly emphasize the really extraordinary ease with which the "Iron Age" Wheel Hoe is operated, the lightness and construction of the tool being such that every ounce of effort goes direct to the work accomplished.



IRON AGE DOUBLE OR SINGLE WHEEL HOE.

Price, \$6.00.



IRON AGE COMBINED SEED DRILL AND WHEEL HOE.

Packed Weight, 50 Lbs.

Price, \$9.00.

tool possible. It is a whole toolhouse of itself. It plows, levels, furrows, sows, covers, rakes, cultivates, hoes and hills, and does each and every operation in the most satisfactory manner.

In designing our Seed Drill Attachment for the Double Wheel Hoe, we have kept in view simplicity of construction, convenience of adjustment, and perfection of work.

The drill attachment is complete in itself, and when put in place requires but two bolts to secure it; the single wheel is then put in position, the chain run on, and the drill is ready for operation. The seed slide and its index adjustment to sow the various seeds is similar to that used on our well known New Model Seed Drill, while the agitator is simply a revolving brush of selected bristles, which will not injure the seed, wear a long time, and can be cheaply replaced.

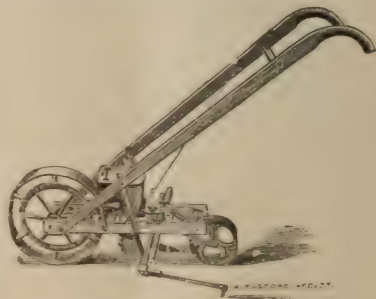
The opening plow is adjustable in depth, and also reversible, one end being wide for onion seed, and the other narrow for placing the seed in a close, straight line. In place of a covering roller we use a small steel smoother—doing the work of a roller, with none of its weight and clumsiness. This, together with the coverer, to which it is attached, is adjustable to suit various soils and depths of covering.

The Combined Drill includes all of the attachments above, and we claim that anyone buying it possesses at once the most complete and perfect

### THE NEW MODEL SEED DRILL.

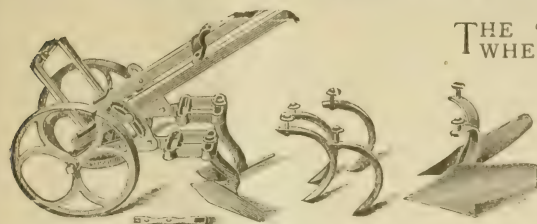
Price, \$7.00.

We place the New Model Seed Drill at the head of the list, because there is where it properly belongs. This drill contains all the good points of every old drill in the market, with this point in addition: the slide, or hole through the slide where all the seeds have to pass, is adjustable, and the slide can be changed to a fraction by the operator, thus admitting exactly the quantity of seed required. The hole is diamond shaped, which is another advantage for rough or irregular shaped seeds. CUT-OFF—The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at ends of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot injure the falling seeds.



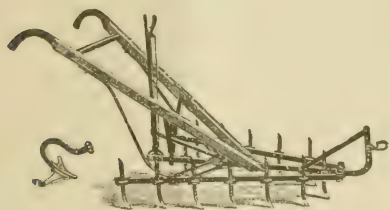


## THE IRON AGE GARDEN AND FIELD IMPLEMENTS



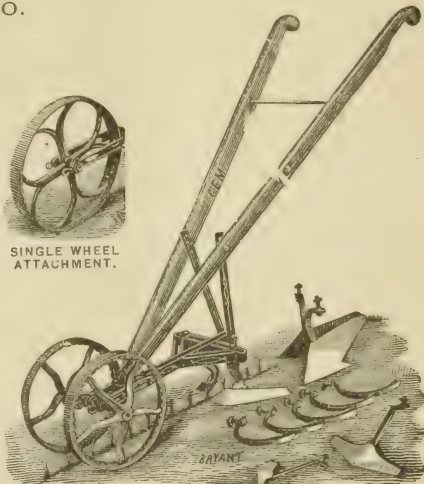
THE JEWEL DOUBLE WHEEL HOE, \$4.50.

THE "JEWEL" DOUBLE AND SINGLE WHEEL HOE ARE "LEADERS" and stand first in everything of their kind. With the exception of the handles and wheels they are made entirely of malleable iron and steel. With each tool there are a number of attachments, making the Wheel Hoe suitable in cultivating all kinds of crops.



The "Iron Age" Combined Harrow and Cultivator.

For a cultivator thoroughly made, and of high quality, one could not do better than buy the "IRON AGE." Strong, light and handsome.



SINGLE WHEEL ATTACHMENT.

THE GEM WHEEL HOE.

Price, \$4.00.

The "Gem" is the most practical tool for ever-day use that is offered to the gardening public. It is made largely of steel and malleable iron. It is strong, yet light in appearance and well finished. This is just the tool for your garden, as you see by the cut it can be made into either a single or double wheel hoe.

## THE EMPIRE COMBINED CORN DRILL, \$17.00.

IS the only corn drill manufactured that has a positive force-feed fertilizer attachment.

The discharge of corn and fertilizer can be seen at all times by the operator.

The weight is adjusted so as to equalize it and place a large share on the front wheel, relieving the blades and making the weight on the blades nearly the same when box is full as when empty.

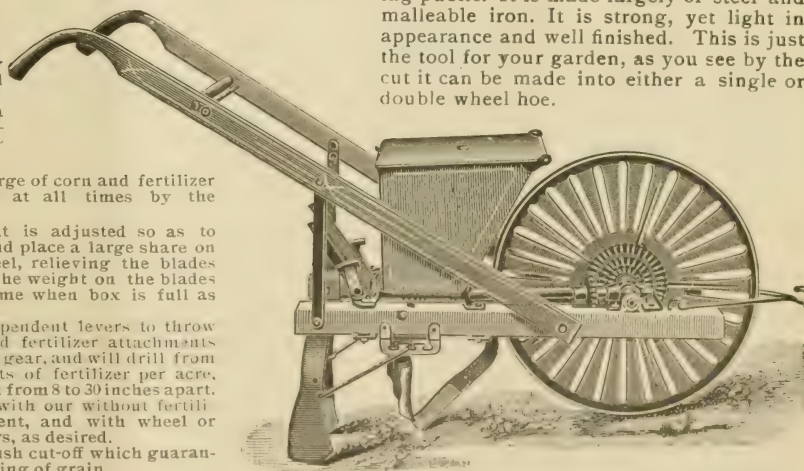
It has independent levers to throw both corn and fertilizer attachments in and out of gear, and will drill from 23 to 120 quarts of fertilizer per acre, and drop corn from 8 to 30 inches apart.

Furnished with our without fertilizer attachment, and with wheel or blade covers, as desired.

It has a brush cut-off which guarantees no breaking of grain.

Two plates are furnished with this corn drill, one for large and one for small corn.

It is the simplest, neatest, lightest and most durable corn drill manufactured, and the dealer who does not sell it and the farmer who does not buy it will make a mistake.



# Spring Plants and Bulbs.

		PER DOZ.			PER DOZ.
Cabbage Plants	-----	5 cts.	Verbena Plants	-----	50 cts.
Cauliflower "	-----	25	Pansy "	-----	50
Tomato "	-----	25	Asters "	-----	35
Egg Plant "	-----	50	Stocks "	-----	35
Pepper "	-----	25	Petunia "	-----	50
			Snapdragon "	-----	40
Gladiolas,	Dahlias,	Tube-roses,	Tuberous Begonias,	Maderia Vines.	

Choice Potting Earth per Bushel, 75 cts.

## Selected Fall Bulbs.

Our Own Direct Importation from Holland.

Hyacinths,	Tulips,	Daffodils,	Iris,	Oxalis,
Crocus,	Narcissus,	Jonquils,	Snow Drops,	Freesia, Etc., Etc.
Lilium Longiflorum, or Ascension Lily,	Lilium Candidum, or Madonna Lily,	Lilium Harrisii, or Easter Lily,	Lilium Auratum, or Japan Lily,	Other varieties ordered if desired.
Lily of the Valley, (in clumps),				

## SUNDRIES.

Christmas Holly and Holly Wreaths, Ground Pine, Cedar, Mistletoe, Christmas Trees, Etc.

Self-Registering Thermometers	Bulb Syringes,	Shears,
Tin Foil,	Glazing Points,	Scissors,
Green Moss,	Flower Pots,	Fine Cutlery,
Florist Letters,	Hyacinth Glasses,	Syringes for Plants,
Raffia,	Jardiniers and Pedestals,	Flower Pot Brackets,
Immortelles,	Hanging Baskets,	Pop Corn,
Mastica,	Flower Supports,	Sharpening of Shears, etc.
Plant Labels,	Plant Stands,	Tin Shop,
Fumigators,	Trellisses,	Lawn Seed and Fertilizers,
Wire Plant Supports,		Bird Supplies.
	Silkline per Ball, 30 cents.	

## Mammoth Prize Pie Pumpkin.

Weight 116 1-2 Pounds.

We offer the seed of this Monster Prize Pumpkin at 10 cents a package. This Pumpkin took first prize at our fair, and after exhibiting it in our window for a long time it was divided among our friends and several bakers, who all pronounced it the **Finest Pie Pumpkin** they ever used. This variety is of fine grain, thin shell, and will keep for a great length of time in any dry place.

**Cooper's Sheep Dip Sold by Us.**

We sell the Best Cream Separator in the Market, Fully Warranted.

We have the Best Plows for the Least Money.



# Strawberry Plants.

We are pleased to announce that we can furnish choice, thrifty strawberry plants of the varieties named below and recommend them to our customers. Prices are reasonable. Leave orders early.

Can also furnish the Red Everbearing Bush Strawberry. Blossoming and bearing from June to frost. No vines. Price, 75c. per dozen.

**A Decided Novelty and Something New !**

Special Prices in Lots Over 1,000.

## ATLANTIC.

Varieties.	Eoz	100	1,000
Atlantic	25c	\$1.00	\$5.00
Brandywine	25c	50	3.00
Brunette	25c	1.00	5.00
Bismarck	25c	1.00	8.00
Bubach No. 5, (P)	25c	50	3.00
Bederwood	25c	50	2 50
Burt	25c	50	1 50
Clyde	25c	1 00	8 00
Cham. of England	25c	1 00	8 00
Crawford	25c	50	3 00
Edgar Queen, (P)	25c	50	3 00
Enormous (P)	25c	\$ 85	6 00

## PRICE LIST.

Varieties.	Doz.	100	1,000
Eureka (P)	25c	\$ 40	\$3 00
Fountain	25c	1 00	8 00
Glen Mary	30c	1 25	8 00
Gandy	25c	75	8 00
Greenville (P)	20c	50	3 00
Gardner	25c	1 00	8 00
Hunn	50c	1 50	10 00
Lady Thompson	20c	50	3 00
Leader (P)	20c	50	3 00
Lovett	20c	50	3 00
Marshall	25c	\$ 85	5 00

Varieties.	Doz.	100	1,000
Mary (P)	25c	\$ 85	\$8 00
Michigan	25c	1 00	8 00
Mitchel's Early	25c	50	3 00
Oswego Queen	25c	1 00	8 00
Princess (P)	20c	85	4 00
Parker Earle	25c	40	3 00
Saunders	20c	50	5 00
Sprawlers (P)	20c	40	2 00
Splendid (P)	20c	40	3 00
Timbrell (P)	25c	1 00	5 00
Wm. Belt	25c	1 00	8 00

## RASPBERRIES.

Black Diamond	\$1.00	\$10 00
Cuthbert, Red	60	5 00
Doolittle	60	4 00

Gregg	\$ 60	\$5 00
Kansas	1 00	8 00
Milis No. 15	75	5 00
Ohio	50	4 00

Onondaga	\$2.00	\$20 00
Palmer	60	5 00
Snyder, Blackberry	1 00	8 00

**PERFECT AND IMPERFECT BLOSSOMS.**—Strawberries are all perfect or imperfect, or in other words, male and female. Those marked (P) are imperfect and destitute of stamens, and must be planted so that they can be fertilized with perfect flowering varieties, every three, four or five rows.

## COLUMBIA

# Flower Tubs

ALL PRICES.



**RELAY BICYCLES, Price, \$30.00 to \$50.00.**




Warranted. Call and See them. Quick Sales and Small Profits.

# Clover, Grass and Field Seeds.

		SPECIAL GRASSES.		
			Per lb.	10 lbs. 100 lbs.
Clover, Red.	Peas, Canada.	Bromus Inermis (New)	25c	\$2.25 \$20.00
" White	" Blackey	Creeping Bent	30c	2.75 25.00
" Crimson.	" Early and Late	Meadow Foxtail	35c	3.25 30.00
" Alfalfa.	Rye, Spring.	Sweet Vernal	40c	3.50
" Alsike.	" Winter.	Tall Oat Grass	30c	2.75 25.00
" Bokhara.	Corn, Leaming.	Yellow Oat Grass	80c	7.50
" Sainfoin.	" Pride of the	Crested Dogstail	60c	5.50
(Turken Klee.)	" North.	Sheep's Fescue	25c	2.20 20.00
Timothy, Recleaned.	" Sweet.	Hard Fescue	25c	2.20 20.00
" Choice.	" Pop.	Meadow Fescue	20c	1.75 15.00
" Prime.	" Field.	Tall Fescue	40c	3.75 35.00
Red Top.	Wheat, Spring.	Red Fescue	25c	2.20 20.00
Blue Grass.	" Winter.	Fine Leaved Fescue	35c	3.25 30.00
Orchard Grass.	(Prices subject to	Rough Stalked Meadow	45c	3.75 35.00
Millet, German.	change.)	Perennial Rye Grass	10c	.90 8.00
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" Common.	" Winter.	Water Meadow Grass	35c	3.00 25.00
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Buckwheat.	Broom Corn.			
Amber Cane.	Quack Seed.			
Dwarf Essex Rape.				

St. John's Rye, for winter or spring. Sow in the spring, pasture until fall, and get a large crop of Rye the next season. Price \$1.25 a bushel.

 Orders taken for Early Siberian Seed Oats, the best in the market at reasonable price

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Every florist has experienced difficulty in obtaining putty (whether ordinary or white lead) for glazing, that is satisfactory for any length of time. The fact is, putty is not adapted for greenhouse work. After much study the inventor of "Mastica" decided that the composition must be of different material, and the qualities must be elastic and tenacious to admit of expansion and contraction without cracking. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years. "Mastica" is of great value in going over old houses with a putty bulb or machine on the outside of sash, as it makes it perfectly tight and saves the expense of re-laying the glass.



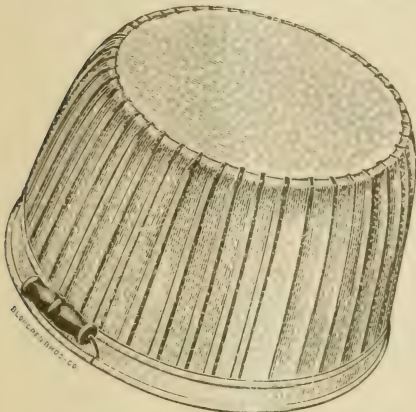
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\$1.25 each.

Prices of Mastica (soft for machine application), quart 50c.;  $\frac{1}{2}$  gallon 75c.; gallon \$1.25.

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Your Attention a Moment to Our  
**Good Basket**

AT A MODERATE PRICE,



THE GOOD BASKET.

Cut shows No. B1 and B1 $\frac{1}{2}$ . 1 and 1 $\frac{1}{2}$  Bushels.

Some of its many advantages over others are:

Light Weight, corrugated (not dented) sides, making it stiffer and stronger.

Not as many seams, and what few there are, are soldered and riveted (not depending on a cheap dip) to strengthen them.

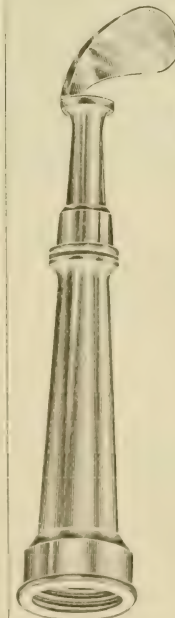
It is water tight; a very important feature.

Small grain, ground feed, ashes or other fine stuff will not sift through.

Water for stock or swill for pigs may be carried out.

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There is one (and only one) better made, and that is the Best Basket. 75 cents and \$1.00.



Rainmaker  
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## Lawn Supplies

Garden Hose, all sizes and prices.

Nozzles,  
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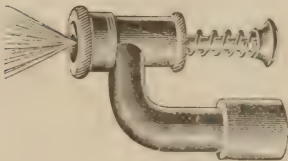
" Seed  
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**Berry Baskets and Crates.** Our Baskets fit the Crate perfectly, and are the correct size and shape. I can save you money on berry baskets if you will place orders early. Call and see us before purchasing.

Potting Earth 75 cents per bushel.



Price, \$8.00.

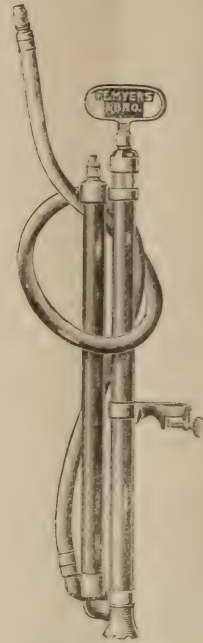
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The nozzle is arranged with stuffing box so that the liquid will not wet the operator while being used; fitted for half-inch male end of quarter-inch pipe. Each nozzle is furnished with two caps, with different sized openings for coarse or fine spray.

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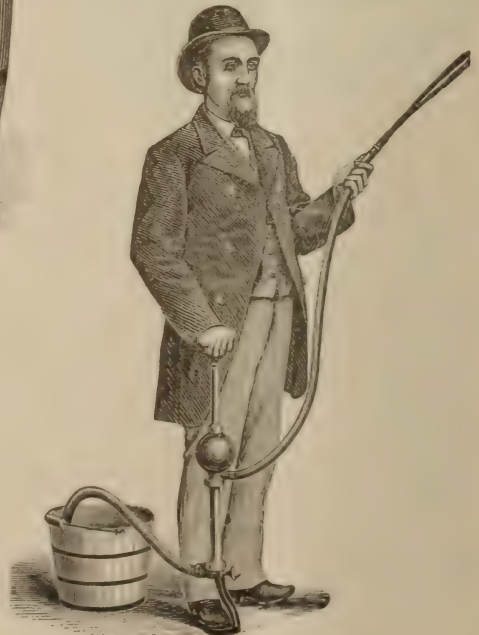
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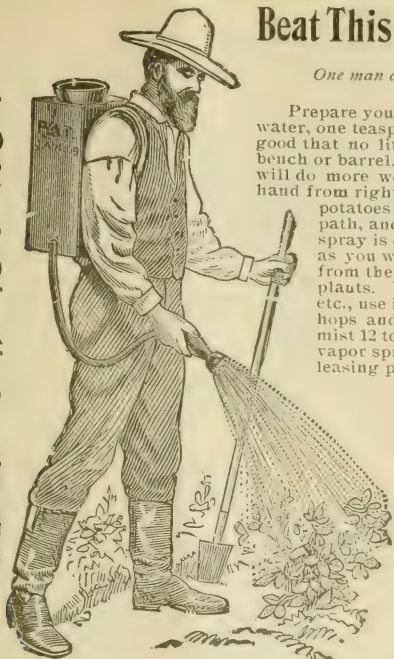
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*One man does the work of twelve and need not stoop down either.*

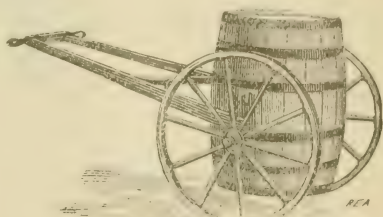
FOR  
POTATO  
BUGS



Prepare your Paris Green or London Purple in a pail or barrel of water, one teaspoonful to the pail. Make a paste of it, and then mix it good that no little lumps are left, fill the apparatus and stand it on a bench or barrel. Put it on your back and proceed with your work. You will do more work than twelve men with a whisk broom. Move your hand from right to left, etc. You will find that you will sprinkle your potatoes as fast as you walk, from 12 to 15 feet on each side of the path, and your vines will look as if covered by a fog or dew. The spray is controlled in your own hand. You can spray far or near as you wish. **NO WASTE WHATEVER.** No large drops like from the whisk broom or other methods, which largely hurt the plants. For the Cotton Worm, Cabbage Worm, Tobacco Plants, etc., use in the same manner. For shrubbery, young fruit trees, hops and grape vines, turn the hose upward. You can throw a mist 12 to 15 feet high; you will get a regular misty shower or vapor spray on the under side of the leaves. Spray stops by releasing pressure of the thumb.

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OF TO-DAY:

THE  
LENOX  
WHEN  
FULL—  
50 LBS.

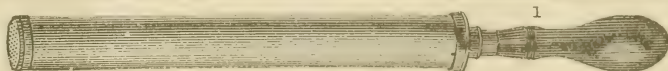


Truck Only, Price, \$7.00; with Barrel,  
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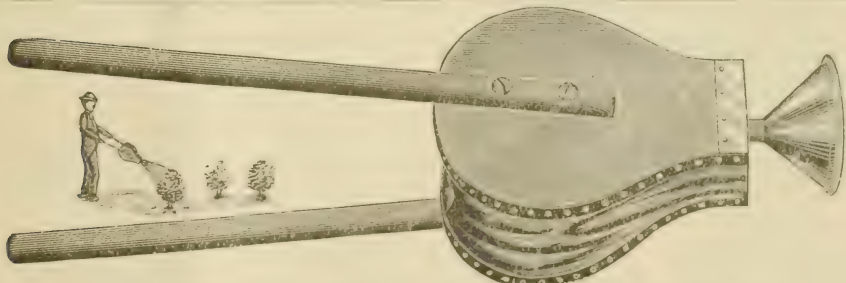
With Wheels 1½ Inches Tread.

AS FAST AS YOU WALK.

NOTE THE FOLLOWING.—Mr. Oney Sayles, of Bridgeport, says: "I sprayed my trees and picked 1,010 bushels of apples, which brought me 25 cents per barrel more than unsprayed fruit. My spray pump cost me \$8.00, and was the cause of saving me over \$100 cash. I used London Purple in spraying."



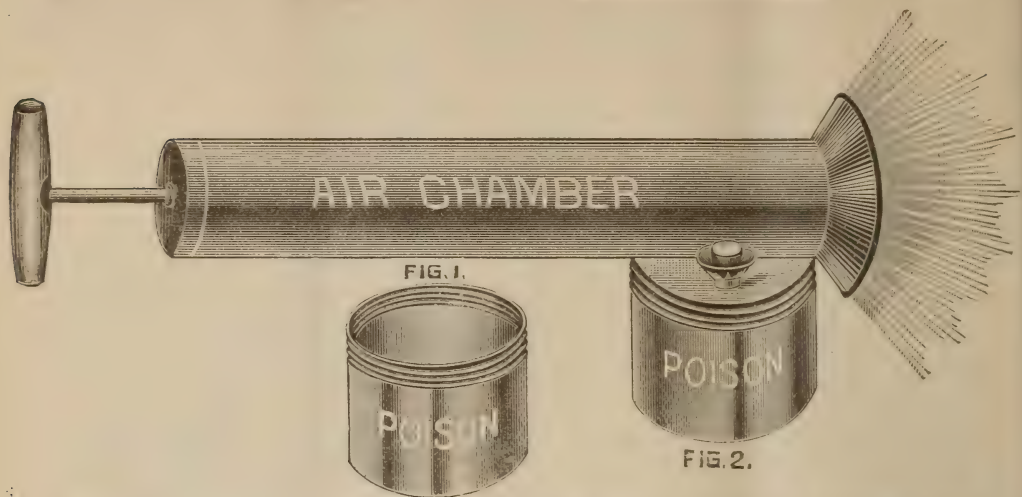
SYRINGES. \$1.00, \$2.25, \$3.00, \$4.50.



### THE ELECTRIC OR LIGHTNING INSECT EXTERMINATOR.

Simple, Practical, Effectual, Cheap. Price, \$1.25.

The most economical, cheap and effectual device for applying Paris green with little labor. Death on Potato Bugs. Paris green applied with this machine will knock them stiff, all sizes and ages, every time. Only one pound required for an acre of potato vines. Experience has proven that Paris green applied does not injure the vines, and is far more effectual than when mixed with plaster, etc.



Kill, Exterminate or Drive Away Every Living Thing Obnoxious to Yourself, Animals or Crops by using the

## LIGHTNING BUG EXTERMINATOR.

(Patents Applied For.)

Fig. 1 represents the reservoir detached so that it can be cleaned or liquids changed, which is done by simply unscrewing the reservoir, and at all times to see that the machine is in proper working order.

Fig. 2 shows the Reservoir attached ready for work, with a funnel-shaped hole for filling. To remove the plunger from the air chamber, simply twist the little cap at the rear of the air chamber, which unlocks, and draw the plunger out, in case it becomes hard or dry. At all times the leather should be kept oiled.

**LEGGETT'S PARIS GREEN OR DRY POWDER GUN.**

For Orchard, Vineyard, Garden or Potato Field. Distributes Paris Green, Sulphur, "Fungiroid," (a powdered Bordeaux Mixture) or any dry powder. **THOUSANDS IN USE** Illustrated Circular on application.

A Wonderful Invention. Light, Swift, Easy, Safe, Strong and Cheap.

## LEGGETT'S GREAT Paris Green or Dry Powder Gun.

For Distributing Dry Insecticides and Fungicides.

May be used at any time of day on dry or wet foliage.

**THOUSANDS IN USE.**

Distributes Green, London Purple, Hellebore, Sulphur Lime, "Fungiroid," Tobacco Dust, etc.

**For the Farm, Orchard, Vineyard and Garden.**

Destroys Potato Bugs and all Insects.

Prevents Blight.

Sure, Rapid, Safe, Strong and Cheap.

Poisons are More Effective when Applied Dry.

**FULL DIRECTIONS WITH EACH MACHINE.**

## INSECTICIDES.

Tobacco Dust and Sulphur, per lb.	.....\$ .10
Nickoteen, per pint	......50
Tobacco Soap, per pkg.	......35 and .25
Tobacco Stems	.....1.50
Soluble Fir Tree Oil, per can	......05 and .10
Whale Oil Soap, per pkg.	......25
Fir Tree Oil Soap, per pkg.	......06
Slug Shot, per lb.	......25
Lambert's Death-to-Lice	......25

Persian Insect Powder.....oz. .10, 1b.	.50
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Hellebore, per lb.	.20
Grape Dust, per pkg.	.50
Paris Green, per lb.	.25



# Lawn Seed, Pure Ground Bone

## —AND— SHEEP FERTILIZER!

Sheep Fertilizer for Plants and  
Lawn Dressing.

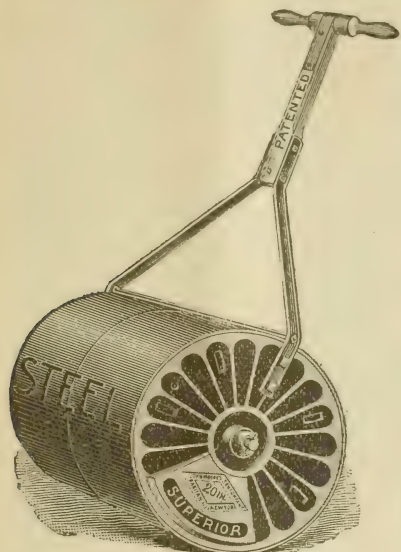
Quick, Lasting and Economical.



### LAWN FERTILIZERS.

#### PRICE LIST.

Sheep Fertilizer, per 100 lbs.,	-	\$3.00
“ “ “ 50 “	-	1.75
Ground Bone, “ 100 “	-	2.00
Phosphate, “ 100 “	-	2.00



Hand Lawn Roller—Superior Steel.

\$8.00 and Upward,

Wet Soil and Grass Clippings will not  
stick to Steel as they stick to  
Cast Iron.

**S**HEEP FERTILIZER is a plant food of great merit, supplying a Manure which contains all the elements necessary for the perfection of plant life. While accelerating luxuriant growth, permanent benefits are secured by a continuance of nourishment to the plant. It is safe to use and suitable for every purpose where a fertilizer is required. It is one of the best Manures we use on Lawns; it is absolutely free from foul seeds and a natural grass grower. Price, 10 lbs. 50c., 25 lbs. \$1.00, 50 lbs. \$2.00, 100 lbs. \$3.00.

CUT UP!

PULL UP!

PICK UP!

## WRIGHT'S HANDY LAWN WEEDER

IF YOU TRY ME, YOU WILL BUY ME!

This little tool fills a long felt want, in that it is so simple that a child can use it. Until this was introduced last season, the hardest part of keeping the lawn was in removing the weeds, getting down on the knees or bending. With this there is no need of either, as it pulls them up and places them in the basket without any labor at all. No household should be without it, as it is equally handy in weeding and pulverizing the earth in the flower beds or garden. Price, 75 cts.



# LAWN MOWERS CHEAP

New Easy,

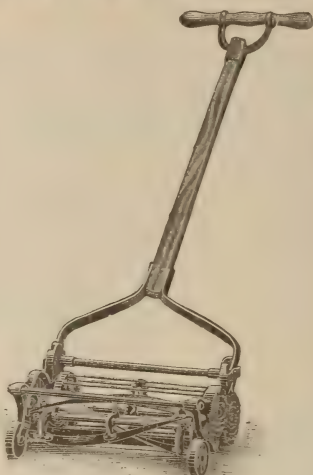
Imperial,

Bay State,

Philadelphia,

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1deal.



ALL WARRANTED.

ALL WARRANTED.

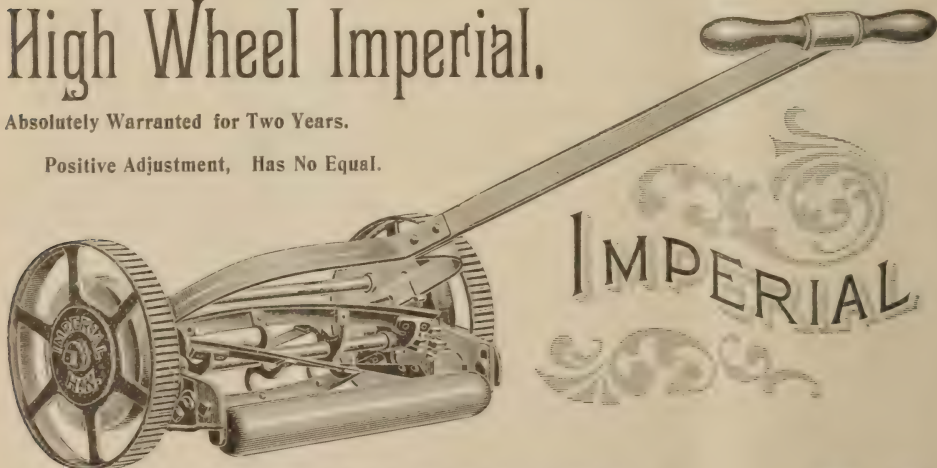
## NEW EASY.

THESE are Lawn Mowers that will do good work, are durable and easy running, and will be sold for a very reasonable price. We will place one on your lawn in competition with any other named lawn mower, subject to the approval of the operator. SATISFACTION GUARANTEED OR NO SALE. Retail price as low as any first-class Mower. Sharpening and repairing a specialty. Border Shears, Grass Shears, Edging Knives, Weeders, Dock Spuds, Weeding Trowels, Leaf Rakes.

## High Wheel Imperial.

Absolutely Warranted for Two Years.

Positive Adjustment, Has No Equal.



HORSE LAWN MOWERS, 30 inch, - \$65.00

FULLY WARRANTED.

Lawn Mowers Sharpened and Repaired.



# OUR TIN SHOP.

## MILK CANS---ALL SIZES.

Every can is made by an experienced man; every cover warranted to fit perfectly. Milkmen are invited to examine our work. Repairing promptly done, in the best manner, at a moderate price.

### PEDDLING CANS.

IN 20, 30, 40, 50 AND 60 QUART SIZES.

Carrying Cans, all sizes	.....	\$ .50 to \$2.25
Dairy Cans, " "	.....	5.75 to 7.50
Wholesale Pails, " "	.....	.50 to .75
Strainer Pails, " "	.....	.60 to .90
Pint Dippers	.....	.45 to .60
Quart Dippers	.....	.50 to .75
Strainers	.....	.45 to 1.50
Tin Milk Pans, per doz	.....	1.75 to 2.25
Tin Milk Pails, all sizes	.....	.30 to 1.00
Sprinkling Pots, " "	.....	.25 to 1.25
Excelsior Strainers	.....	2.00
"Our Own" Strainers	.....	1.75

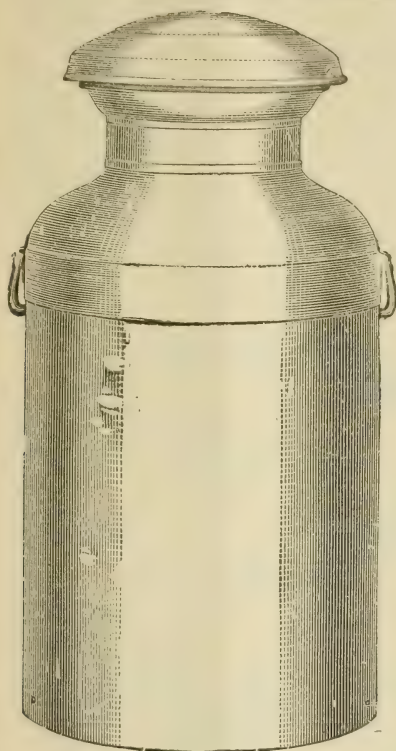
ALL HAND WORK AND FULLY WARRANTED.

**Tin Gutters, Galvanized Gutters,  
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Galvanized Iron Work.**

Everything in Tin Work made to order on short notice and in the best manner.

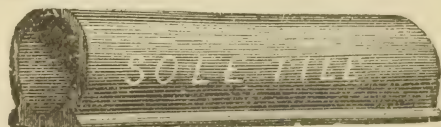
**SHEARS, SCISSORS, KNIVES AND SAWS  
Sharpened and Repaired.**

**ALSO GENERAL JOBBING.**



50 QUART PEDDLING CAN.

## DRAIN TILE.



The following sizes of Tile always on hand :

Size.					Weight, Each.	Per M.
2	Inch Rise, Sole Tile				3 lbs.	\$12.00
2½	" " " "				4 "	15.00
3	" " " "				5 "	20.00
4	" " " "				7 "	35.00
5	" " " "				9 "	50.00
6	" " " "				12 "	70.00
3½	" " Horse Shoe Tile				4 "	15.00
4	" " " "				5 "	20.00
5	" " " "				6 "	30.00
6	" " " "				8 "	40.00

Length of Tile, about 14 Inches.

Special price on car load lots direct from factory, which, being located at Chittenango, N. Y., on the lines of the N. Y. C. & H. R. R. R., the West Shore R. R., and Erie Canal, gives us exceptional shipping facilities.



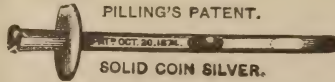
## DANA'S STOCK LABELS.

For Cattle, Sheep, Hogs, etc.

Cattle Labels,	-	75c. Doz.	\$4.50 per 100
Sheep and Hog Labels,	50c.	"	2.50 "
Punches for Cattle,	-	-	1.50 each.
" " Calves,	-	-	1.25 "
" " Sheep and Hogs,	-	-	1.00 "

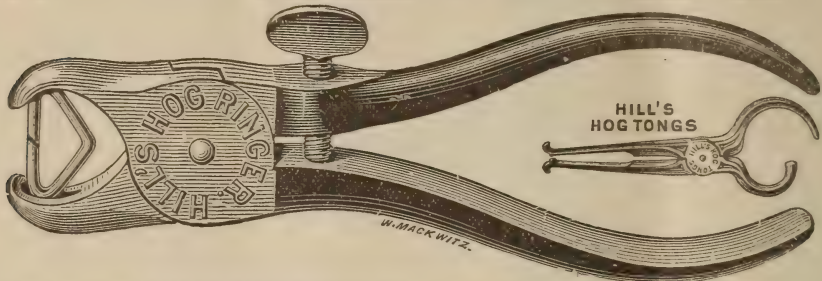


## Milking Tubes.

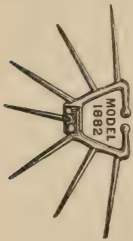


For Sore and obstructed Teats and for Hard Milking Cows.

FULL DIRECTIONS WITH EACH TUBE. 50c. to 1.25 each.



The Prices of HILL'S HOG RINGS, RINGING TOOLS, etc., have been reduced.



Two Styles Calf and Cow Weaners. Price, 25, 50 and 75 Cents.

## GATE ROLLERS AND TRIMMINGS

BEST GATE ROLLER EVER MADE.



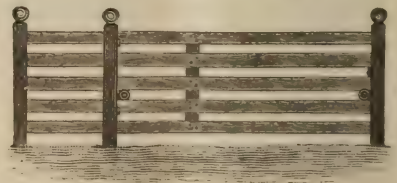
The above cuts show the "Acme" Gate Roller, also a gate with the fixtures all on. The bearings being chilled the gate runs very easy. Any one with a saw and hammer can make a gate, any lumber answers; with these rollers one can have the cheapest and best gate in use.

16 foot double gate, two openings, 12 foot and  $3\frac{1}{2}$  foot, each made of 16-foot lumber will want wheels 1 and 2, screw slot No. 3, screwed into the post, bottom board to the gate to run in the slot to keep gate tight to the post, 13-foot gate wants wheel No. 1, two catches No. 4, screw slot No. 3 to hang the gate on first post.

PRICE.

6 inch wheel, single gate trimmings, price per set, 75c.

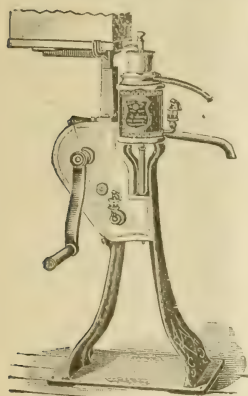
The cheapest, best and most durable gate ever made. Always ready for business, winter or summer and will last a lifetime. We have a limited number of these Gate Rollers and Trimmings and offer same at a bargain.





# U. S. Cream Separators and other Dairy Supplies

AT SPECIAL PRICES THIS SEASON--PRICES REASONABLE.

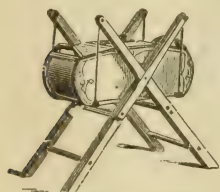


Improved U. S.  
Cream Separator  
with encased Gear.

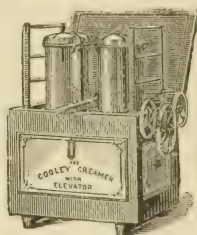
WE GIVE the names of a few who use the celebrated U. S. Cream Separators and are pleased to refer any one to them for reference. This is better than anything we might say for the Separator.

Grove P. Smith, Baldwinsville,	-	-	No. 5
F. C. Harp, Cottons,	-	-	" 7
H. E. Dow, Belle Isle,	-	-	" 5
Josiah Betts, Syracuse,	-	-	" 7
Yates Hotel on Geddes farm,	-	-	power " 3
D. E. Olmstead, Syracuse,	-	-	" 7
W. A. Colyer, Minoa,	-	-	" 4
C. S. Wilbur, Fairmount,	-	-	" 5
C. A. Wilcox, Fairmount,	-	-	" 5

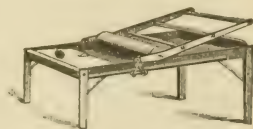
The U. S. Separator can be seen at our store. Catalogue and information free.



Davis Swing Churn



With Elevators.



Eureka Butter Worker.

## Price List of Barrel Churns.

No. 1.	10 gallon, will churn, 5 gallons,	\$4.50
" 2.	15 " " 8 " "	5.00
" 3.	20 " " 10 " "	5.50
" 4.	25 " " 12 " "	7.00
" 3.	30 " " 14 " "	8.00

## Price List Davis Swing Churn.

No. 1.	Cap. 7 gal., churn 3 gal. or less,	\$ 7.00
" 2.	" 10 " " 5 " "	8.00
" 3.	" 16 " " 8 " "	10 00
" 4.	" 24 " " 12 " "	12.00
" 5.	" 30 " " 15 " "	15 00
" 6.	" 40 " " 20 " "	18.00

Ten per cent. less for spot cash.

Oak Dash Churns, Stone Dash Churns, Dog Powers, Butter Workers, Skimmers, Butter Carriers, Ladles, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges, Babcock Butter Tester.





## CREAM IN ONE HOUR.

THE GREAT LABOR SAVER

# Wheeler's Gravity Cream Separator.

A new device to separate cream from milk by the dilute process, which reduces the viscosity of the milk, thereby securing the cream in two hours. No ice to handle; no cranks to turn; no machinery to run and keep in order.

It is away ahead of the best Creamery, being the *cheapest, best and easiest* device to handle milk on the market, and you will make no mistake if you investigate its merits.

Those that keep only one or two cows, as well as the large dairyman, can have the advantage of a separator at a small cost, compared with the centrifugal separator or creamery.

### IMPORTANT THINGS TO THINK ABOUT.

In these times of low prices, how can we reduce the cost of production? *First*—In handling our milk, we can reduce the first cost several hundred per cent. over any other device by using the GRAVITY CREAM SEPARATOR. *Second*—It does away with storing, handling and cost of ice. *Third*—It saves more than half the work. *Fourth*—It is easy to wash and keep clean. *Fifth*—It runs itself. *Sixth*—It is durable, being made of heavy tin. *Seventh*—It makes the ladies happy. *Eighth*—It is endorsed by the Grange.

Sizes made to fit any dairy from one cow up. State the number of pounds of milk you have to separate each day, and we will quote prices.

### PRICE LIST OF GRAVITY CREAM SEPARATOR.

No. 0, for 1 to 2 cows, capacity 60 lbs. milk per day	-----	\$ 4.00
" 1, " 3 to 4 cows, " 100 lbs. " "	-----	6 00
" 2, " 5 to 7 cows, " 200 lbs. " "	-----	9.00
" 3, " 8 to 15 cows, " 400 lbs. " "	-----	11.00

TRY DWARF ESSEX RAPE FOR QUICK PASTURE. See page 14.

See our new Non-freezing Galvanized Iron Drinking Fountain for Poultry. Made in two parts; easily cleaned; cheap and lasting—THE BEST ON EARTH. Price 50c. to 60c.





"SOD" FODDER.

## LEAMING CORN.

This popular and distinct variety of yellow dent corn certainly has, beyond question, reached the grandest success of any yellow dent corn that has ever been brought before the American public. This corn is too well known to enter into a detailed description of its merits here; suffice to say that it is a very uniform, medium sized, very early (maturing in 90 to 115 days), very heavy, long eared corn, with stalk growing medium tall, and very thick and strong. Our farmers were very successful last season. The sale will be much increased in the future for ensilage.

## Pride of the North.

By selecting and being grown for many years in Northern Wisconsin, has become quite distinct and is now about ten days earlier than the Leaming, and grows two feet less stalk. We carry stock of the Pride Corn and we will always supply you at lowest market prices.

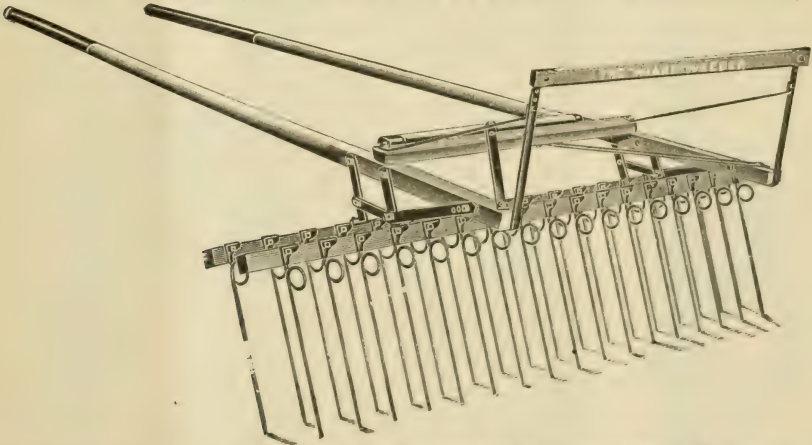
## Sweet Corn

For ensilage purposes we offer at a very reasonable price.

## Field Corn.

We have a fine stock of White Canada Flint, Angel of Midnight, Early Smut Nose, and other varieties in traces and shelled.

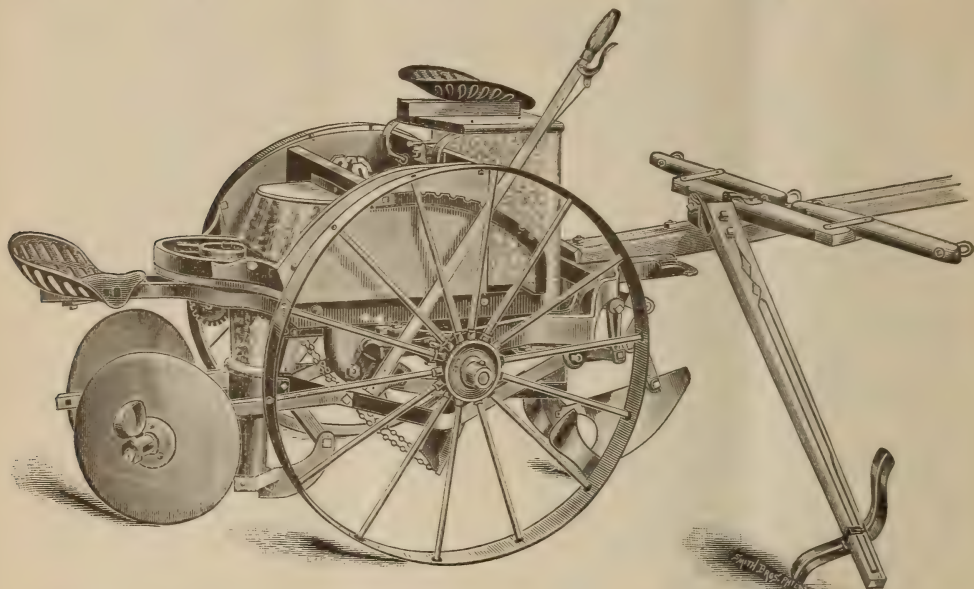
## THE WIARD ADJUSTABLE WEEDER.



Used with great profit on planted crops, and especially useful on wheat fields in early spring, when all weeds that may have started are eradicated and the soil made loose and friable, and in the best condition for the growth of grain. The steel teeth of this weeder may be adjusted to stand straight or sloped more or less, by simply changing the position of the bolts in the adjusting irons, adapting it to all conditions of soil. By using this weeder, fields of corn, beans, potatoes, etc., can be kept clean of weeds without the labor and expense of the hoe and without damage to the plants. One trial will convince any farmer that he cannot afford to be without this implement.

Price, \$9.00.

# The Improved Robbins Potato Planter.



A machine that is completely and thoroughly successful. Has none of the faults of other planters, and does better work than planting by hand.

## NO MORE DREAD OF POTATO PLANTING TIME FULLY GUARANTEED.

Call and see it or send for Book. Will plant Potatoes, Beans, Corn, Peas, etc., with or without Phosphate.

We refer you to these gentlemen who are using them: C. C. Wilcox, Oswego Fall, N. Y., T. A. Mitchell, Weedsport, N. Y., Mr. Pendergast, Phoenix, N. Y.

### PRICE.

With Fertilizer Distributor, -	\$65.00
Without " -	55.00
Pea and Corn Sower Attachment, -	5.00
Leveler Attachment, -	1.25

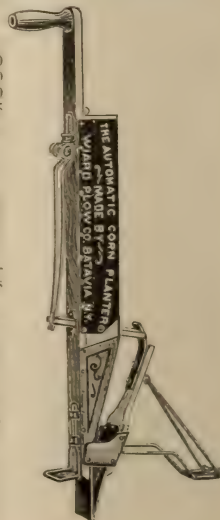
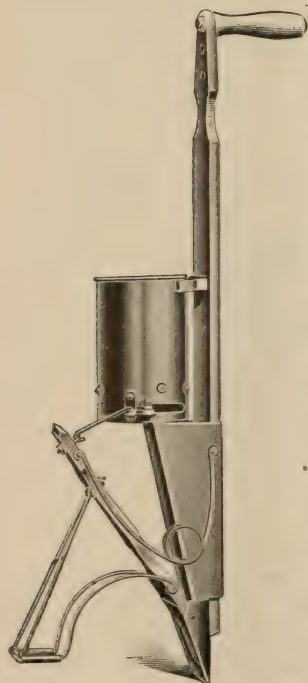
## The American Standard Hand Corn Planter!

The Universal Favorite. Quickly adjusted for a light or heavy seeding, and rotates similar to the disc in a Horse Planter.

## Wiard's Automatic Hand Corn Planter.

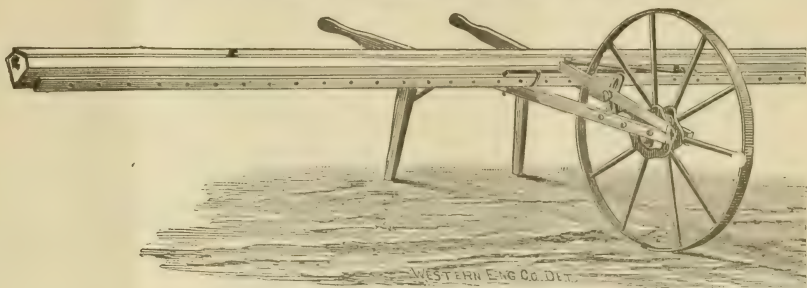
Simple! Durable! Economical!  
None Better.

Price, - \$1.75





## WHEELBARROW SEEDERS



WITH RUBBER, WIRE OR TWINE DISTRIBUTORS.  
WITH WOODEN OR IRON FRAME.

THEY CAN BE WORKED BY ANYONE WHO CAN RUN A WHEELBARROW.  
PRICE, \$6.00 TO \$8.00 EACH.

## THE LITTLE GIANT SEED SOWER.

This is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does and durability. Don't pay \$5.00 for a seeder when you can get its equal for less money.



No 3, \$2.25; Three for \$6.00.

### They Recommend Themselves on Sight.

They are the lightest running.

They place the operator in an easy position.

They only need a trial to prove their superiority.

They save one-third seed and two-thirds labor.

They are easy of motion—a natural swing of the arm.

They will pay for themselves many times in one season.

They are warranted *superior to any hand seeder in the world.*

They are the greatest labor and seed saving invention of the age.

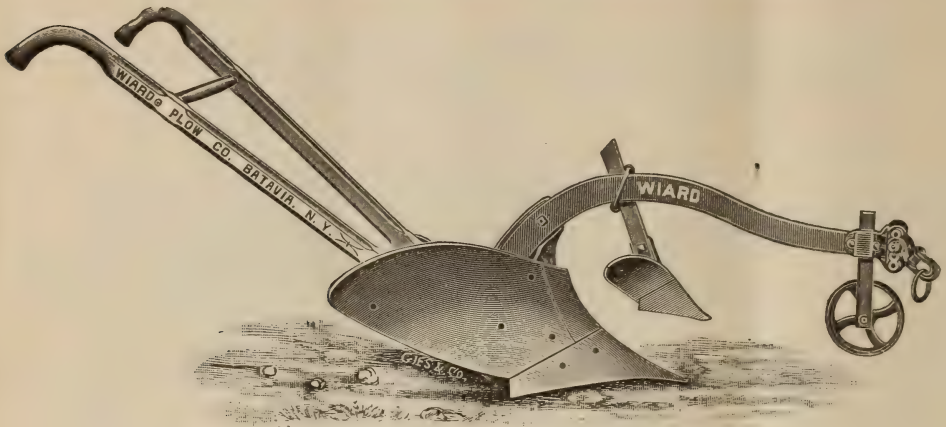
They have a 4-inch clear throat and *cannot be choked*, even with strawy oats.

They sow the ground three times in going over once, leaving no possible chance for skipping, even in windy weather.

They will, by walking at the rate of three miles an hour, sow 90 acres of wheat or 65 acres of clover seed in a day of ten hours.

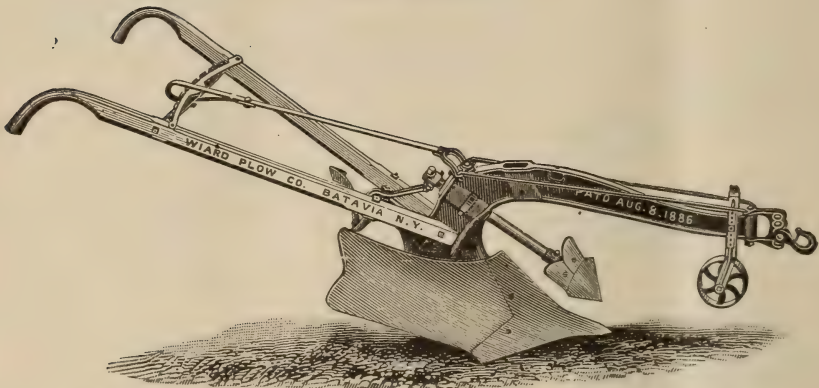
They will sow not only timothy and clover seed as other (even high priced and complicated) machines, but you can sow oats, barley, buckwheat, etc., in fact anything that can be broadcasted.

## Wood and Iron Beam Wiard Plows.



WIARD'S NEW STEEL PLOW No. 70.

Price \$12.00.



THE WIARD SWIVEL PLOW, WITH AUTOMATIC JOINTER OR COLTER.

Price, \$12.00.

One of the best plows for hillside or flat land and for cutting roots, or use in rough or stony ground.



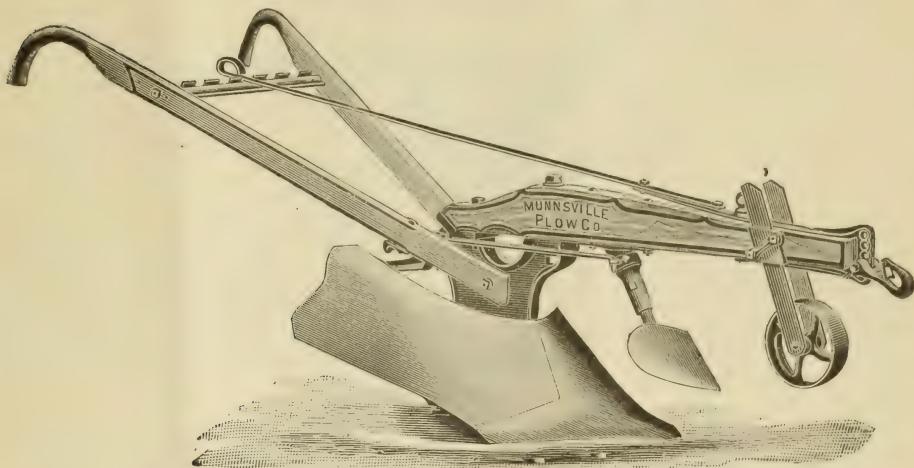
ONE-HORSE SWIVEL PLOW.

Price, \$8.00.

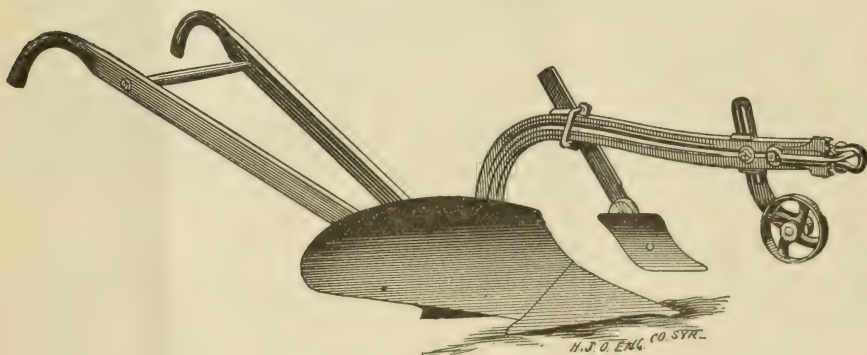


# MUNNSVILLE PLOWS.

## WOOD AND STEEL BEAMS.

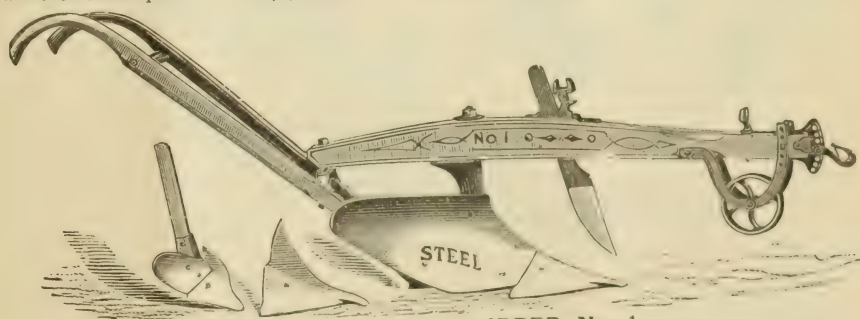


No. 95. This New Reversible Plow is one of the best on the market and will be sold on its merits.  
Pr Call and See It.



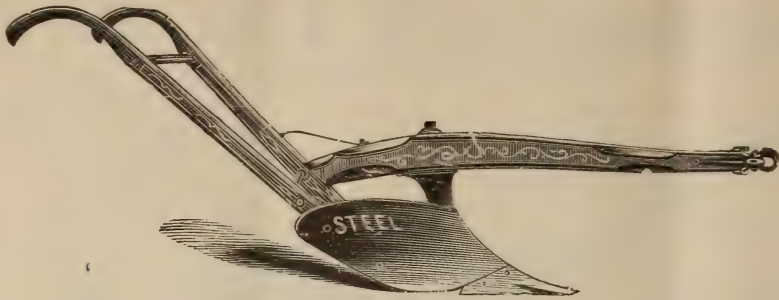
STEEL BEAM PLOW, No. 10.

This Plow is long on the run with a high Mouldboard, of a shape that insures easy draft, good cleaning qualities, and pleasing general appearance. Although its imitators are many, for general purposes it has never been equaled. Price, \$12.50.



ONEIDA VALLEY CLIPPER, No. 1.

Unquestionably the best plow made. New Plows, New Cultivators New Rollers, with all the latest improvements.  
A 100-foot Rope Ladder for Sale Cheap.



ONEIDA VALLEY CLIPPER No. 2 1/2.

This is a light one-horse cast steel plow, adapted to plowing out corn, hops and nurseries. Can be gauged so as to plow to and from the rows. Price, \$8.00 plain. This cut also represents our new 2 1/2 Chilled Plow, and is one of the best one-horse plows in the market. The large increase in the sales of this plow the past season is the best evidence of its superiority. Our 1881 attachment to this plow, with the swing beam, makes the best one-horse plow in the market. Price. \$6.00 plain.

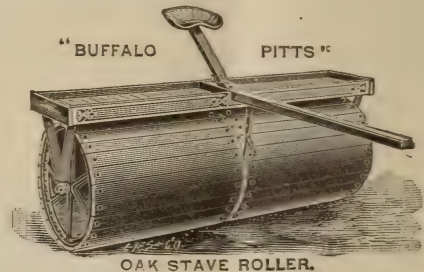
### Oak Stave Roller.

28 inch, two sections.....\$25.00

### Steel Roller.

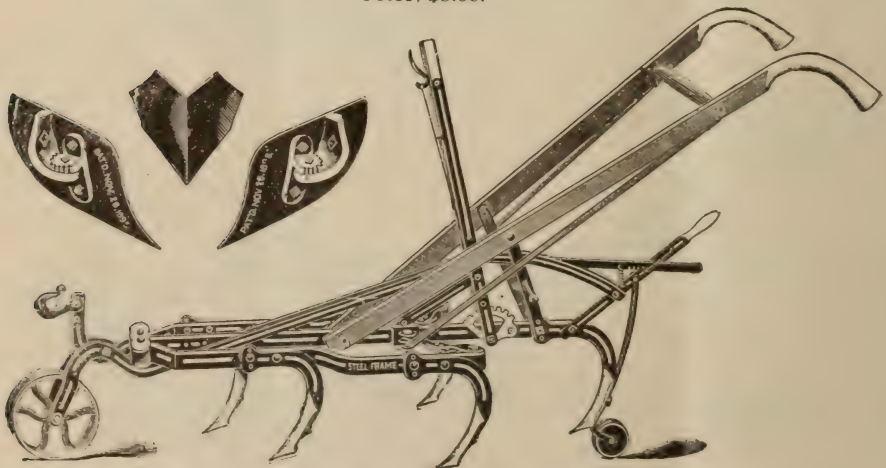
26 inch, two sections.....\$30.00

Lawn or Garden Rollers.....\$8.00 to 12.00



### The Deerfield Double Lever Cultivator.

Price, \$5.00.



Offer Cultivators for \$2.75, a Rare Bargain. We sell Cooper's Sheep Dip.



## PLOWS AND PLOW CASTINGS.

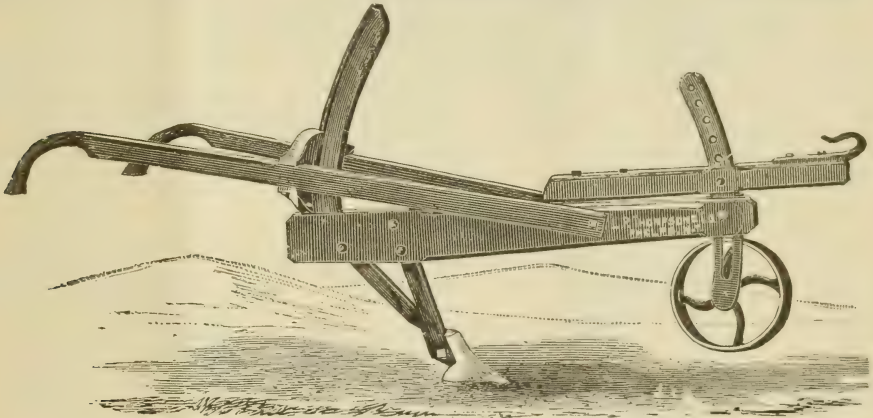
We are carrying the largest line of Plows and Plow Castings to be found in Syracuse. We can supply parts for nearly every Plow in use in this county. If you have an old favorite plow and want parts, call on us.

Baldwinsville Plow.  
Belcher & Taylor, Side Hill.  
Boston B.  
Champion.  
Climax.  
Curtis.  
Delano.  
Deer.  
Dutcher.  
Dutton.  
Elmira.  
Empire.  
Excelsior, Nos. 4, 8, 8½, 9, 10.  
Fayetteville Clipper.  
Gale.

Holbrook.  
Ilion or Remington.  
Kalamazoo Diamond Iron.  
Manlius Union.  
Manlius Side Hill.  
Mohawk Valley Clipper.  
Munnsville, Nos. 5, 59.  
Munnsville Side Hill.  
Munnsville Ditcher Points.  
National Farmer.  
Norse Mason Side Hill.  
Oneida Valley Clipper, Nos.  
1, 2, 2½.  
Oneonta Side Hill.  
Peekskill No. 21.

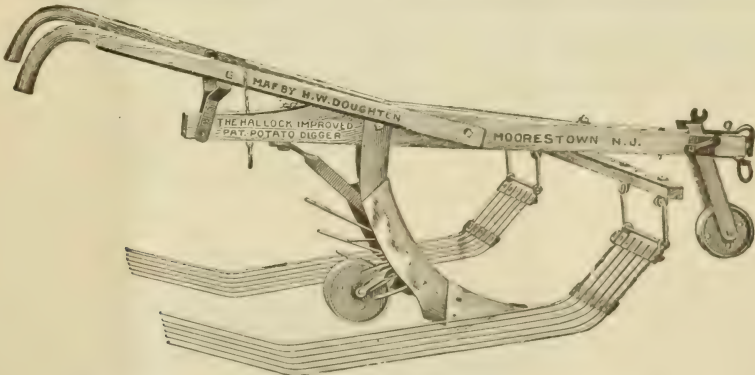
Pennsylvania.  
Phoenix Double Mouldboard.  
Remington or Ilion.  
Robinson, Canandaigua.  
Rough and Ready Side Hill,  
Shortsville.  
South Bend.  
Starbuck.  
Syracuse.  
Titus.  
Troy Peekskill, Nos. 19, 20.  
Wiard, Batavia.  
Wiard, Canandaigua.  
Yankee Side Hill, and many  
others.

If you have a broken casting and are not sure of the name or number, bring it in and we can perhaps duplicate it. We carry one of the largest lines of plows and other castings of any house in the State.



**DITCHING PLOW. Price, \$9.00.**

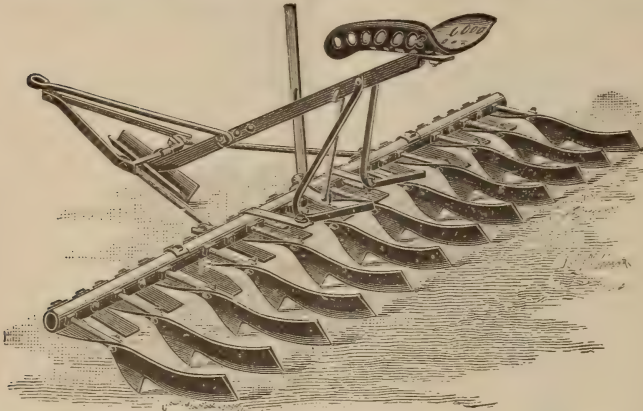
We have secured for our farmers in Central New York a very low priced Ditching Plow, one that has both handles and draw hook adjustable and can be changed, "as you see," very rapidly, plowing to the depth of four feet. The ditches can be made with this plow at a cost of from 10 to 12 cents per rod. [Hugh Oliver, of Marcellus, N. Y., now using one of these plows, says he would not be deprived of it for \$50.00.] It is just the plow for ditching. Price of plow complete, \$9.00.



**HALLOCK'S POTATO DIGGER. Price, \$14.00.**

Refer to Edgar Bowen, Onondaga Valley, Asylum for Feeble-Minded Children, Ed. Benscoten, Onondaga Valley, and others who have used these diggers.

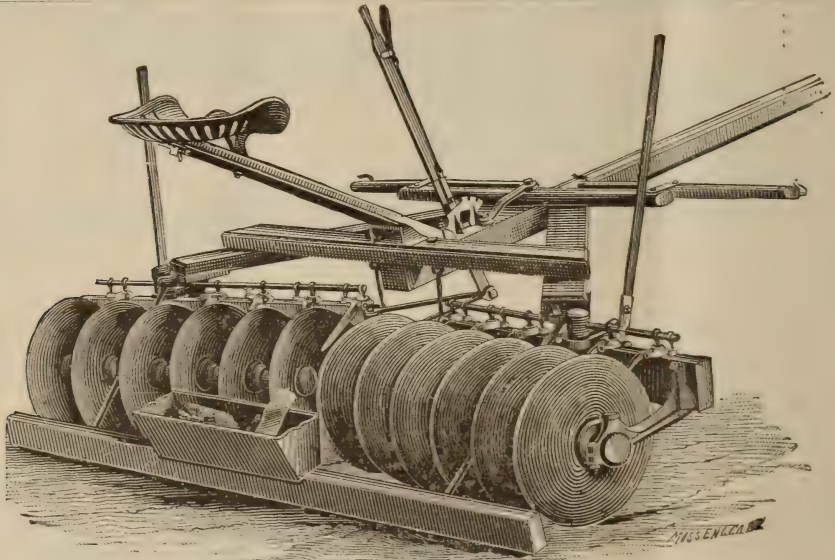
# "Acme" Pulverizing Harrow, Clod Crusher and Leveler.



Price, = \$14.00

Warranted  
Against Breakage  
for  
One Year.

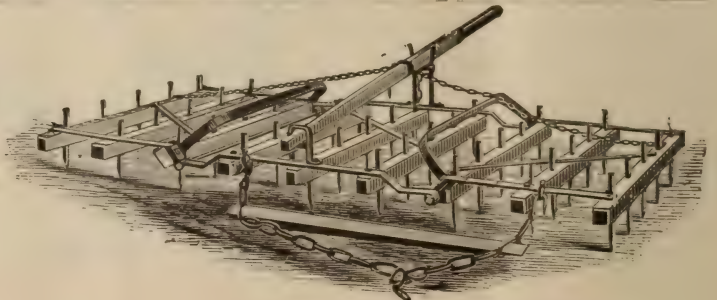
The "Acme" is the cheapest riding harrow in use—in fact it costs about the same as an ordinary drag, and is, therefore, within the reach of all who have use for harrows. Being made entirely of cast steel and wrought iron, it is indestructible. Nothing but the coulters can possibly wear, and these are readily replaced at trifling cost.



DISK HARROW. \$20.00.

Triple..  
Harrow  
AND  
WOOD DRAGS.

PRICE,  
\$6.00 to \$13.00





## The "Iron Age"

## Pivot Wheel Cultivator.



Price, \$26.00.

Complete with One Pair Plows, Shields and Fallow Tooth Attachment, Straight Axle, \$25.00.

## Water's Improved Tree Pruner.

A good pruner is an indispensable article to every one who cultivates a single fruit tree, and the Water's Pruner is the best one yet offered. It is without a competitor for favor. These pruners can only be sent by express, purchaser paying the charges. Prices, delivered free at express office, as follows:

Length of Pole	4 feet,	weight	2 1/4 lbs	-----	\$1.25
"	"	6 "	" 2 3/4 "	-----	1.25
"	"	8 "	" 3 1/2 "	-----	1.25
"	"	10 "	" 4 1/2 "	-----	1.50
"	"	12 "	" 5 "	-----	1.50
Extra knives, postpaid, each					.35



## We sell the Cooper's Sheep Dipping Powder.



The finest in America, used by all the ranchmen in the west, sure cure for scab and ticks. We could show you a list of testimonials a yard long if necessary, but those we have from firms so well known among sheepmen will be all that is required to convince you we have the best. Sold at factory price, 50c, and \$2.00 a package. Small packages will make 25 gallons, large packages 100 gallons ready for use. An unprecedented demand has set in all over the States for our celebrated Cooper Sheep Dip, consequent upon the favorable verdict of sheepmen who have used it. Other preparations are being relinquished, as "Cooper" is found far superior in every way.

## A FEW STOCKBRIDGE ONIONS.



Photograph of  $\frac{1}{2}$  acre field of onions grown by John H. George, of Methuen, Mass., on Stockbridge Onion Manure exclusively, entered for field premium at the Essex County Agricultural Society. Yield on the  $\frac{1}{2}$  acre, 448 $\frac{1}{2}$  bushels of fine onions. Applied 1,000 lbs.

**HILL AND DRILL PHOSPHATE, AMMONIATED DISSOLVED BONE, FARM AND GARDEN PHOSPHATE, SUPER PHOSPHATE WITH POTASH, SURE CROP PHOSPHATE, WOOD ASHES, KAINIT, NITRATE OF SODA, HOP AND POTATO WITH EXTRA POTASH.**

### **SPECIAL MANURES.**

*For one acre without stable manure\**

Stockbridge Potato Manure.....	1,200 to 1,800 lbs.
" Corn and Grain Manure .....	800 to 1,500 lbs.
" Vegetable Manure.....	1,500 to 2,000 lbs.
" Cabbage and Cauliflower Manure.....	1,800 to 2,500 lbs.
" Onion Manure.....	1,500 to 2,000 lbs.
" Vine Manure (not peas or beans).....	1,500 to 2,000 lbs.
" Pea and Bean Manure.....	1,000 to 1,500 lbs.
" Root Manure.....	800 to 1,200 lbs.
" Asparagus Manure.....	1,200 to 2,000 lbs.
" Celery Manure.....	1,500 to 2,000 lbs.
" Lettuce and Spinach Manure.....	1,500 to 2,000 lbs.
" Strawberry and Fruit Manure.....	1,000 to 1,500 lbs.
" Tobacco Manure.....	1,500 to 2,500 lbs.

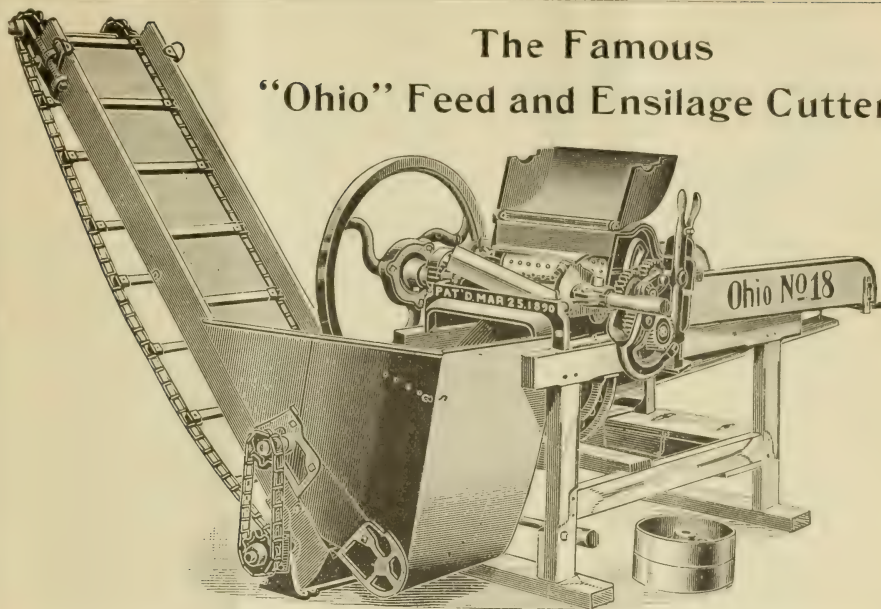
The above quantities recommended for one acre are without stable manure; but, if stable manure is used in connection with the Stockbridge, then a smaller amount can be used, depending on the amount of manure applied and its richness. About one-half the quantity of each is the rule.

The first column gives the usual quantities which farmers apply, and the second column the usual quantities which market gardeners apply.

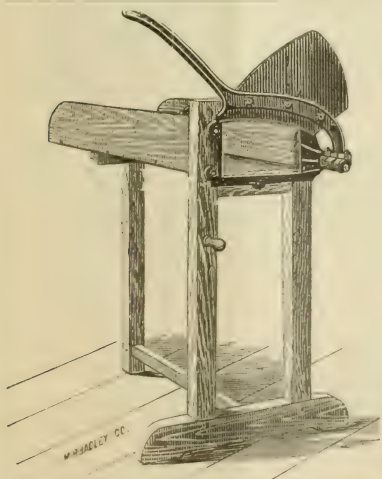
**We are Sole Agents for these celebrated Phosphates. Sold strictly for Cash at a very close margin or profit. Fully guaranteed as being equal or superior to the best on earth. SPECIAL PRICES FOR CASH.**



## The Famous "Ohio" Feed and Ensilage Cutters.



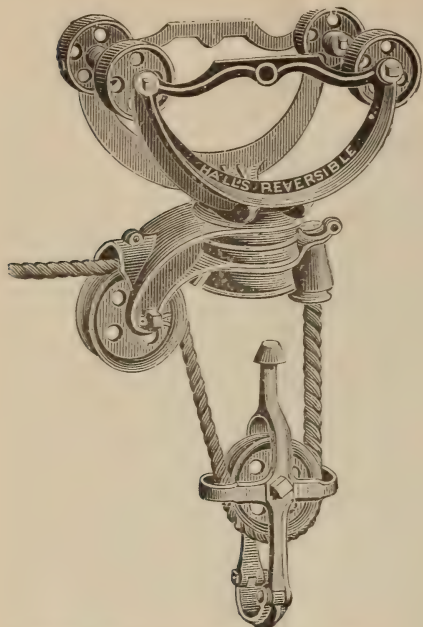
No.	Length of Knife.	Number of Knives.	Capacity per Hour	Power.	Cuts.	Weight
7	7 in.	2	-----	Hand	$\frac{1}{4}$ to $\frac{3}{4}$ inch	-----
9	9 "	4	-----	Hand	$\frac{1}{4}$ to 1 "	-----
9	9 "	2	-----	Hand	$\frac{1}{2}$ to $1\frac{1}{2}$ "	390 lbs.
9	9 "	4	-----	1 horse	$\frac{1}{4}$ to 1 "	390 "
11	11 "	2	3 to 4 tons	1 or 2 horse	$\frac{1}{2}$ to $1\frac{1}{2}$ "	420 "
11	11 "	4	3 to 4 "	1 or 2 "	$\frac{1}{4}$ to 1 "	420 "
13	13 "	2	4 to 6 "	2 to 4 "	$\frac{1}{2}$ to $1\frac{1}{2}$ "	560 "
13	13 "	4	4 to 6 "	2 to 4 "	$\frac{1}{4}$ to 1 "	560 "
16	16 "	4	6 to 8 "	2 to 6 "	$\frac{1}{4}$ to 2 "	620 "
18	18 "	4	8 to 10 "	4 to 6 "	$\frac{1}{4}$ to 2 "	700 "
20	20 "	4	12 to 15 "	6 to 10 "	$\frac{1}{4}$ to 1 "	1300 "



We can furnish Shredder Cylinder for the "Ohio" line Nos. 11, 13, 16, 18, 20, 24 and 26 Cutters.

Fully Guaranteed and Reasonable  
in Price.

Full Particulars and Terms given at our store.



## Hall's Reversible Car.

Is Made Entirely of Malleable Iron. Light and Durable. It Runs Both Ways on the Track Without Changing.

PRICE, - \$5.00.

This car runs on a wooden track, 4 x 4, or it can be made of 2 x 4 nailed together, suspended by the iron hooks which we furnish at \$1.00 per dozen. Any carpenter can put this car in shape to run at a small expense.

Double Harpoon Forks.....	\$ 1.00
Pulleys in Wood and Iron, each.....	.25
Rope, best Manilla at lowest prices.....	
The Kershaw Iron Rod Car.....	6.00
The Ney Hay Car, for wood track.....	4.00
The Sprout Car, for wood track.....	3.00
Star Hay Car.....	4.50
Diamond ".....	4.50
The Bullard Hay Tedder.....	35.00
The Wiard Horse Rake.....	21.00
The Taylor No. 4 Horse Rake.....	20.00

We have the Teeth for these Rakes and Tedders.

## BULLARD HAY TEDDER.



There is no investment a farmer makes that pays better than a **BULLARD HAY TEDDER**. Over twenty years in use and the first machines made still running. Belcher & Taylor are now making two sizes—One and Two Horse, with parts interchangeable. Prices very much reduced. Give us your order early. We keep the extras always in stock



## ADRIANCE REAR DISCHARGE BINDER.

The Only Binder in the market that Two Horses can handle with ease.



The only Binder that is perfectly safe to run on our rolling grounds without tipping over. Built of the best Malleable Iron and Steel, with less than half the machinery of any other binder in use.

## TRIUMPH REAPER !

A Desirable Reaper.

These Reapers are well known in this vicinity and we shall be able to supply the Extras as well as the Reapers in the future at our store, we having been appointed the agent for this vicinity.

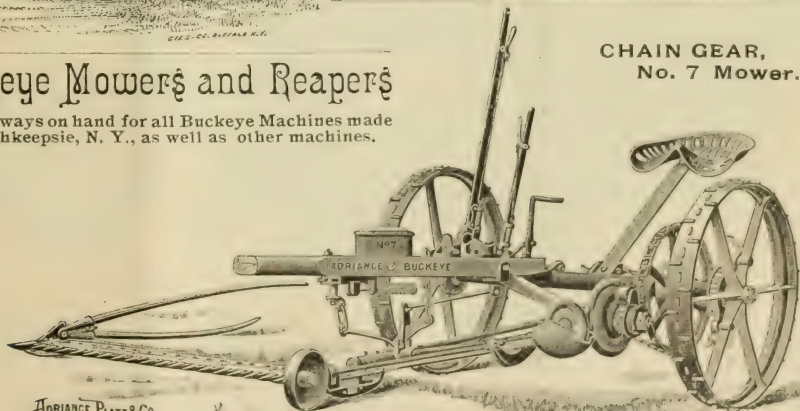
We Carry a Full Line of Mower and Reaper Extras.



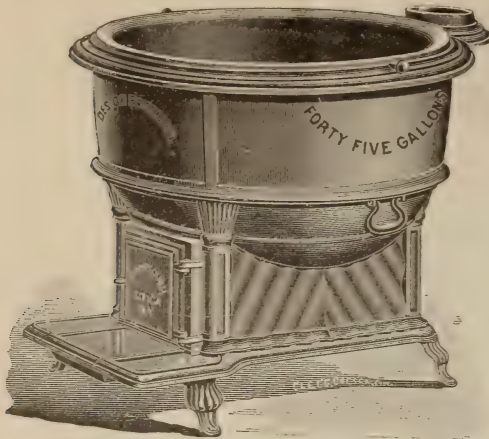
## Buckeye Mowers and Reapers

Extras always on hand for all Buckeye Machines made at Poughkeepsie, N. Y., as well as other machines.

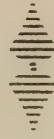
CHAIN GEAR,  
No. 7 Mower.



ADRIANCE, PLATT & CO.,  
POUGHKEEPSIE, N.Y.



# Peckham's



## Portable Agricultural Furnace..

AND

## FARMERS' BOILER.

### THE CHEAPEST AND THE BEST.

Warranted to boil with less fuel and in less time than any other boiler made.

#### NET PRICES.

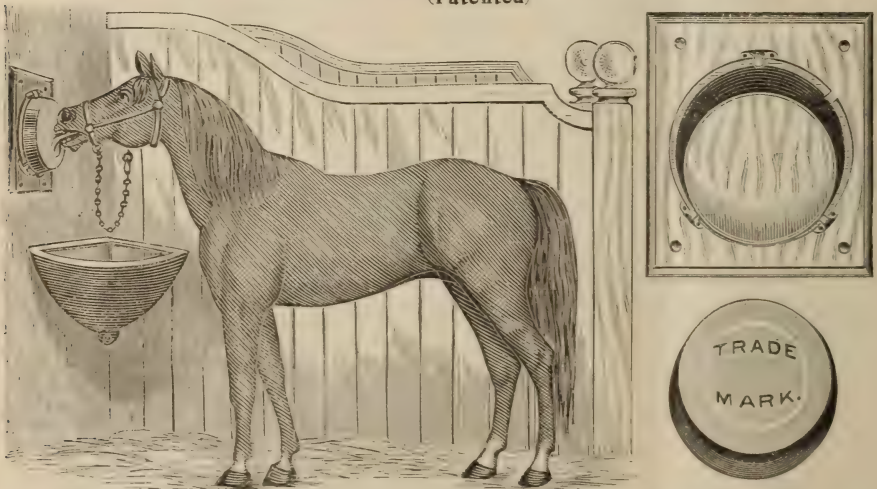
FIVE SIZES:

$\frac{1}{2}$ bbl. Wood Burner, \$ 9.00	1 bbl. Wood Burner, \$14.00	Coal Burner, \$16.00
$\frac{3}{4}$ " " " 11.00	$1\frac{1}{2}$ " " " 19.00	" " 21.00
$\frac{1}{4}$ " " " "	2 " " " 21.00	" " 23.00

Arranged for burning any kind of coal or wood.

## COMPRESSED SALT CAKES AND FRAMES FOR HORSES CATTLE AND SHEEP.

(Patented)



Warranted Pure Dairy Salt, put under Hydraulic Pressure into Cake Form for use of Animals.

**Pure Salt Refined**, acts as a tonic, invigorates the system, promotes digestion, purifies the blood, increases strength of bone and muscle; in fact, is a stimulus for the general health and thrift of animals, as well as mankind.

**Lump Rock Salt** in its natural state is not pure salt. It is contaminated with foreign substances, such as Sulphates and Chlorides. 25c. per cake, 5 cakes \$1.00.



.. LAMBERT'S ..  
**DEATH TO LICE**

Kills Lice or Fleas on Poultry, Horses, Cattle, Cats,  
 Dogs, Hogs, Ticks on Sheep, Lice on Plants,  
 Carpet Moths, Water Bugs, Protects  
 Furs and Woolens.

**A DISINFECTANT INSECT POWDER  
 ABSOLUTELY GUARANTEED.**

This preparation is guaranteed to rid poultry of all vermin and cause them to be more healthy and profitable. You cannot see the lice on hens unless you look where they are, which is usually among the fluffy feathers beneath the vent. They center there especially during cold weather, and worry their victims worse than the seven years' itch. It will also destroy ticks on sheep, and kill hog lice instantly.

Lice on a horse will worry the animal until they kill him. Cattle also get lousy and this remedy is a safe and certain cure. In fact, lice on anything can be exterminated by the liberal use of this powder.



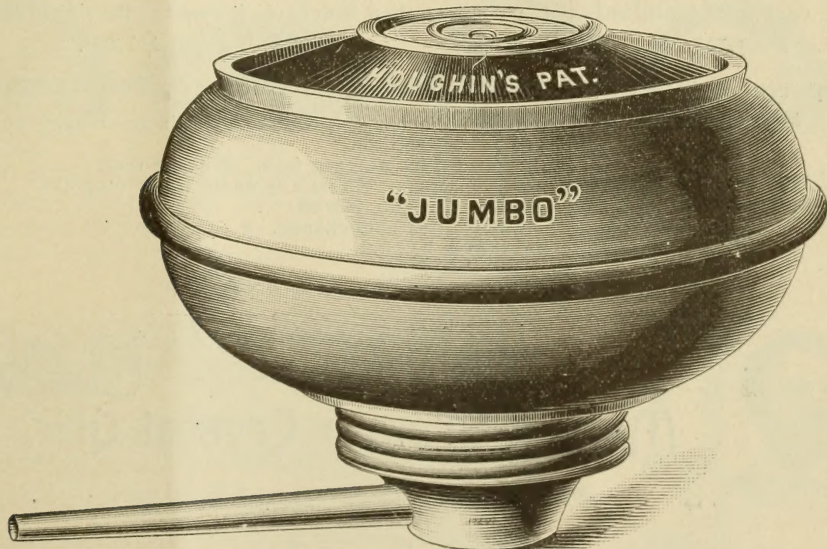
Setting hens well dusted during incubation will bring off a healthy brood that will need no pampering to make them grow.

Your carpets will not be moth eaten if you sprinkle this powder freely around the edges of the room before nailing down.

Used in Nearly, if not every State in the Union, Canada, British Columbia and Mexico.

**PRICES :** 5 Oz. Box, 10 Cts. | 48 Oz. package, 50 Cts. | If to be sent by mail, add one  
 15 Oz. Box, 25 Cts. | 100 Oz. package, \$1.00. | cent per ounce to pay postage.

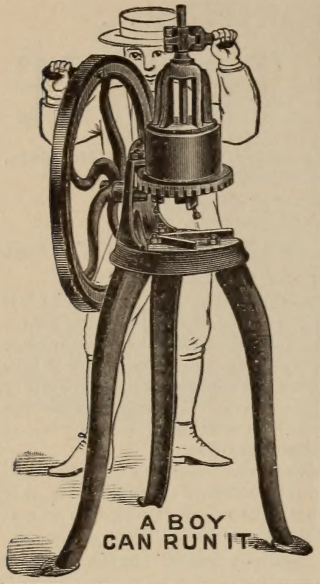
Always to be used externally. Nothing that will harm animal life. They will not eat it. Full directions with every package. For sale wholesale and retail.



**JUMBO POWDER GUNS, - - 25 CENTS.**

Use this to apply LAMBERT'S DEATH TO LICE, or any other powder.





THREE SIZES.

18, 27 and 36 inches.

## Mann's Celebrated Bone Mills.

Durable and Practical.

We offer the best Bone Mill on the market. Fully warranted against breakage for two years. The only machine that will cut green bone fine enough for Bantams and little chickens.

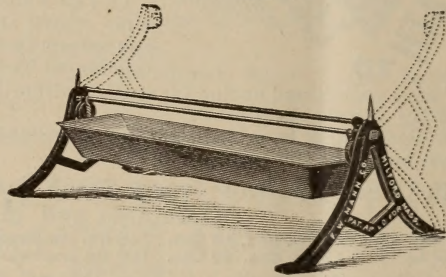
This Mill is absolutely warranted for two years and will place it beside any Mill on the market for actual test and practical work.

PRICES: - - \$5.25, \$7.25, \$10.25, \$12.25, \$19.00, \$23.00, \$26.50, \$75.00.

**CALL AND SEE THEM.**

## Mann's Swinging Feed Tray

For Poultry.



**Description.**—It has a swinging tray, automatic tip rod, a pair of reversible cast iron standards. (Dotted lines show Standards fastened to the side of house.)

PRICE,                      \$1.00,                      \$1.25,                      \$1.50.

**Special Points of Merit that make it Desirable for Poultrymen:**

The Tray is  $6\frac{1}{2}$  inches wide, 3 inches deep and 18-27-36 inches long.  
Is made in one piece of galvanized iron.  
Water tight. Is equally useful for water or feed. Will not rust.  
Easy to keep clean. Will not leak. Makes a splendid water fountain.  
Is suspended on two hooks. Easy to take off.  
Can put it in oven to cook food without change.  
Tips automatically and throws hen out.  
Will not tip way over. nor spill food.  
When food stands and sours, it can be scalded.



**WE SELL**

## Mann's Granite Crystal Grit.

For Poultry, Chickens and Pigeons.



## Drinking Fountains.

Non-Freezing, made of Galvanized Iron in two sections. Easily cleaned, will last a lifetime

PRICES.—For one gallon size, 50 cts.; for two gallon size, 60 cts;



# ... Poultry Supplies...

## PRICE LIST.

Crushed Oyster Shells....per 100 lbs. \$	.60	Roup Pills.....	.25
Clear Grit.....	.75	Patent Stoneware Fountains, $\frac{1}{2}$ gall size	.25
Crushed Raw Bone.....	2.00	“ “ “ 1 “	.40
Ground Raw Bone.....	2.50	“ “ “ 2 “	.60
Bowker's Animal Meal ..	2.25	Climax Drinking “ 1 “	.60
Beef Scraps.....	2 00	Patent Feeding Troughs.....	\$1.00 1.50
Sunflower Seeds.....	5 50	Galvanized Non-Freez'g Fount'n, 1 gal.	.50
Pure Persian Insect Powder, per lb ..	.50	“ “ “ 2 “	.60
Lambert's Death to Lice, 15 oz size.....	.25	Wire Hen's Nests.....	15
“ “ 48 “.....	.50	China Nest Eggs, per doz.....	.30
“ “ 100 “.....	1.00	Poultry Markers.....	.25
Sheridan's Condition Powder, small.....	.25	Jumbo Powder Gun.....	.25
“ “ large.....	.85	Caponizing Sets.....	2.25
Pratt's Poultry Food.....	.25 and 60	Philadelphia Caponizing Sets.....	2.50
Baum's “ “.....	.25	Leg Bands, per doz.....	.50
Triplex “ “.....	.20	Thermometers.....	all prices
Prolific Poultry Food, all siz., 25, .50 and .85		Poultry Netting, all sizes, 50c per 100 in full roll.	

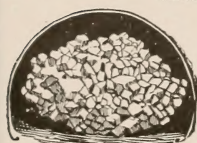
The prices on Wheat, Corn, Oats, Buckwheat and other grains are continually changing, so we are unable to quote them in this list.

# Mann's Granite Crystal Grit

## For Poultry.

Granite Crystal Grit Magnified.  
CRYSTAL FORMATION.

Other Grit Magnified.  
HOMOGENEOUS FORMATION.

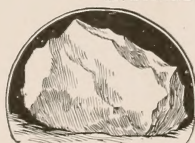


BEFORE



AFTER

Being Acted Upon by the Gizzard.



BEFORE

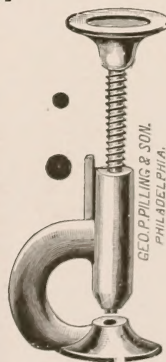


AFTER

Being Acted Upon by the Gizzard.

Sharp, Clean, Hard. Free from Dust. Lasts Longer and More Economical than any Other Grit. It is the Sharpest and Hardest Grit Known.

## CAPONIZING INSTRUMENTS.



Complete with instructions, \$2.50. We send "COMPLETE GUIDE FOR CAPONIZING" with every set. The Philadelphia Poultry Marker, nickel plated, two sizes, 25 cents each.



# F. H. EBELING, Proprietor The Perry Seed Store,

SEEDS AND BULBS,  
HARDWARE, IMPLEMENTS,  
DRAIN TILE, TIN SHOP, &c.



217 Warren Street, Syracuse, N. Y.  
Opposite Post Office.